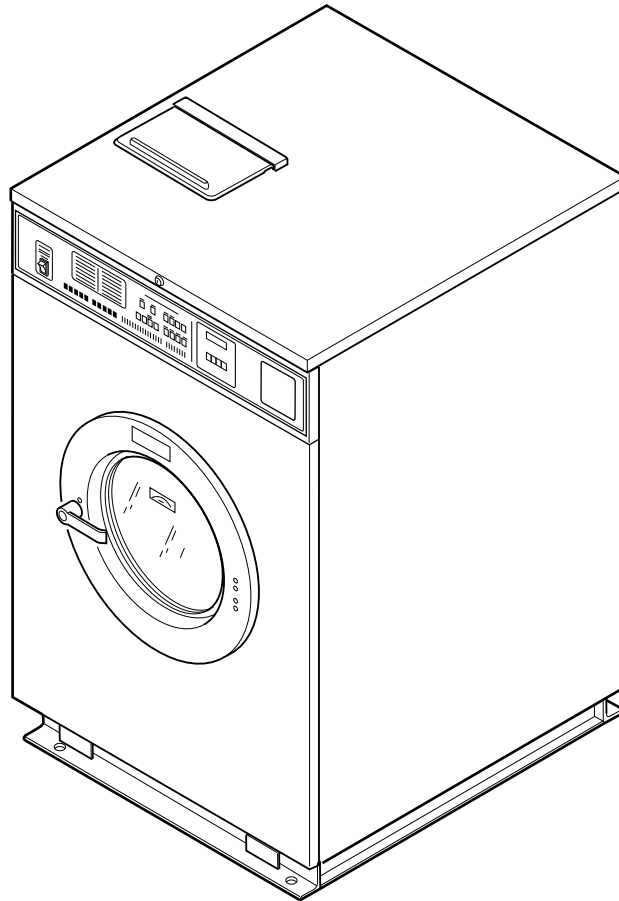


# Washer-Extractor

Cabinet Hardmount

Variable Speed Models

Refer to Page 3 for Model Numbers



CHM1323C\_F232192



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## Parts Ordering Information

If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

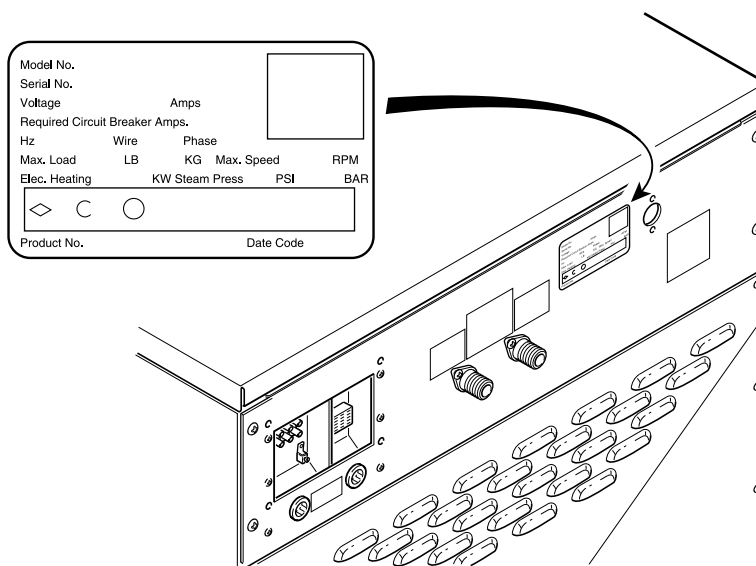
For technical assistance, call either of the numbers listed below:

(920) 748-3121 Ripon, Wisconsin

+32 56 41 20 54 Wevelgem, Belgium

## Serial Plate Location

When calling or writing about your product, be sure to mention model and serial numbers. Model and serial numbers are located on serial plate(s) as shown.



CHM2454P\_F232192

## Model Identification

Information in this manual is applicable to these washer-extractor models:

SC40VNV	UC40VNV
SC50VNV	UC50VNV
SC60VNF	UC60VNF
SC60VNV	UC60VNV

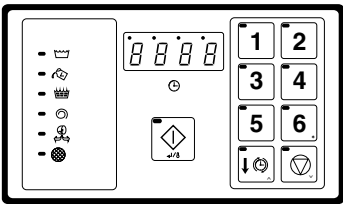
**NOTE:** This manual applies to all SC40VNV and UC40VNV models and to design 6 models of every other capacity

# Product Overview for A and B-Control

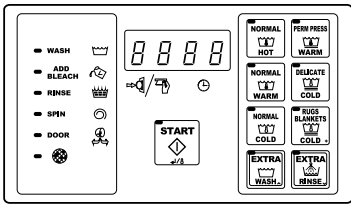
1 2 3 4 5 6 7 8

Model No. \*C40AC20U60001  
Serial No. 00000000000  
Voltage 208 – 240 Amps 7  
Required Circuit Breaker Amps 15  
Hz 60 Wire 3 Phase 3  
Max. Load 40 LB 18.2 KG Max. Speed 470 RPM  
Elec. Heating N/A KW Steam Press. N/A PSI 0 BAR  
Drawing:

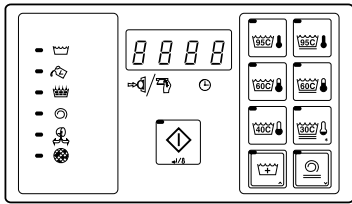
ETL LISTED  
CONFORMS TO  
ANSI/UL STD. 1555  
ANSI/UL STD. 1206  
ETL TESTING LABORATORIES, INC.  
CORTLAND, NEW YORK 13045



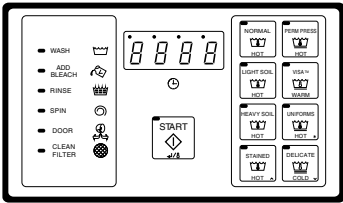
A-Control OPL



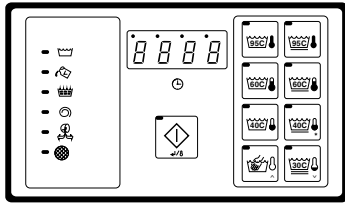
A-Control Coin (Domestic)



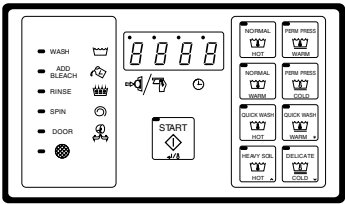
A-Control Coin (International)



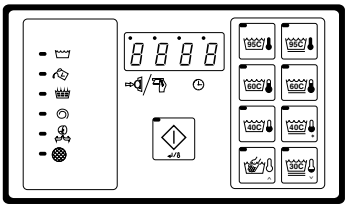
B-Control OPL (Domestic)



B-Control OPL (International)



B-Control Coin (Domestic)



B-Control Coin (International)

CHM2976P\_F232192

## Product Overview for A and B-Control

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Product Family	DC HC NC SC UC
2	-	Capacity (Pounds)	18 20 25 27 30 35 40 50 60 80 100 125
3	-	Control	A (A-Control) B (B-Control)
4	-	Actuation	C (Drop Coin Meter) D (Digital Coin Meter) L (Prep for Remote/Central Pay) N (Non-Coin - OPL) R (Cardmate Plus II) X (Prep for Coin Meter) Y (Prep for Card Reader)
5	-	Speed	2 (2-Speed) 3 (3-Speed) F (F-Speed) V (Variable Speed)
6	-	Voltage	B (120/60/1/2) C (380-415/50/3/4) D (220-240/50/3/3) E (220-240/50/1/2) F (440-480/60/3/3) J (220/50/3/3) N (440-480/50-60/3/3) O (200-240/60/3/3) P (380-415/50-60/3/3) Q (200-240/50-60/3/3) X (200-240/50-60/1/3) Y (208-240/60/1/2)
7	-	Side Panel	N (Network Board Installed) P (Network Adaptable) U (Standard Specs) 1 (Stainless Steel) 2 (Network Board Installed with Stainless Sides) 3 (Network Adaptable with Stainless Sides)
8	-	Design	1-4 and 6

# Product Overview for NetMaster, Mechanical Timer and P, S and V-Computer

Model No. \*C40AC20U600001

Serial No. 00000000000

Voltage 208 – 240 Amps 7

Required Circuit Breaker Amps 15

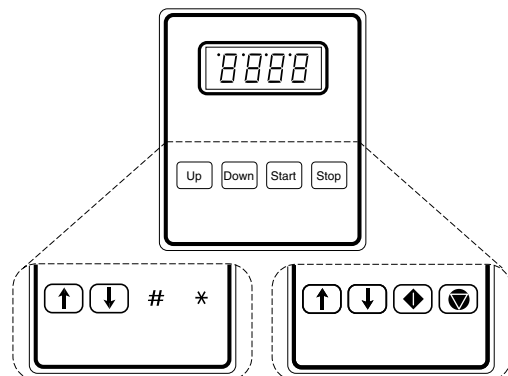
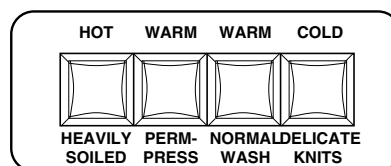
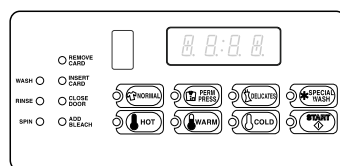
Hz 60 Wire 3 Phase 3

Max. Load 40 LB 18.2 KG Max. Speed 470 RPM

Elec. Heating N/A KW Steam Press. N/A PSI 0 BAR

Drawing:

ETL LISTED  
CONFORMS TO  
ANSI/UL STD. 1555  
ANSI/UL STD. 1206  
ETL TESTING LABORATORIES, INC.  
CORTLAND, NEW YORK 13045



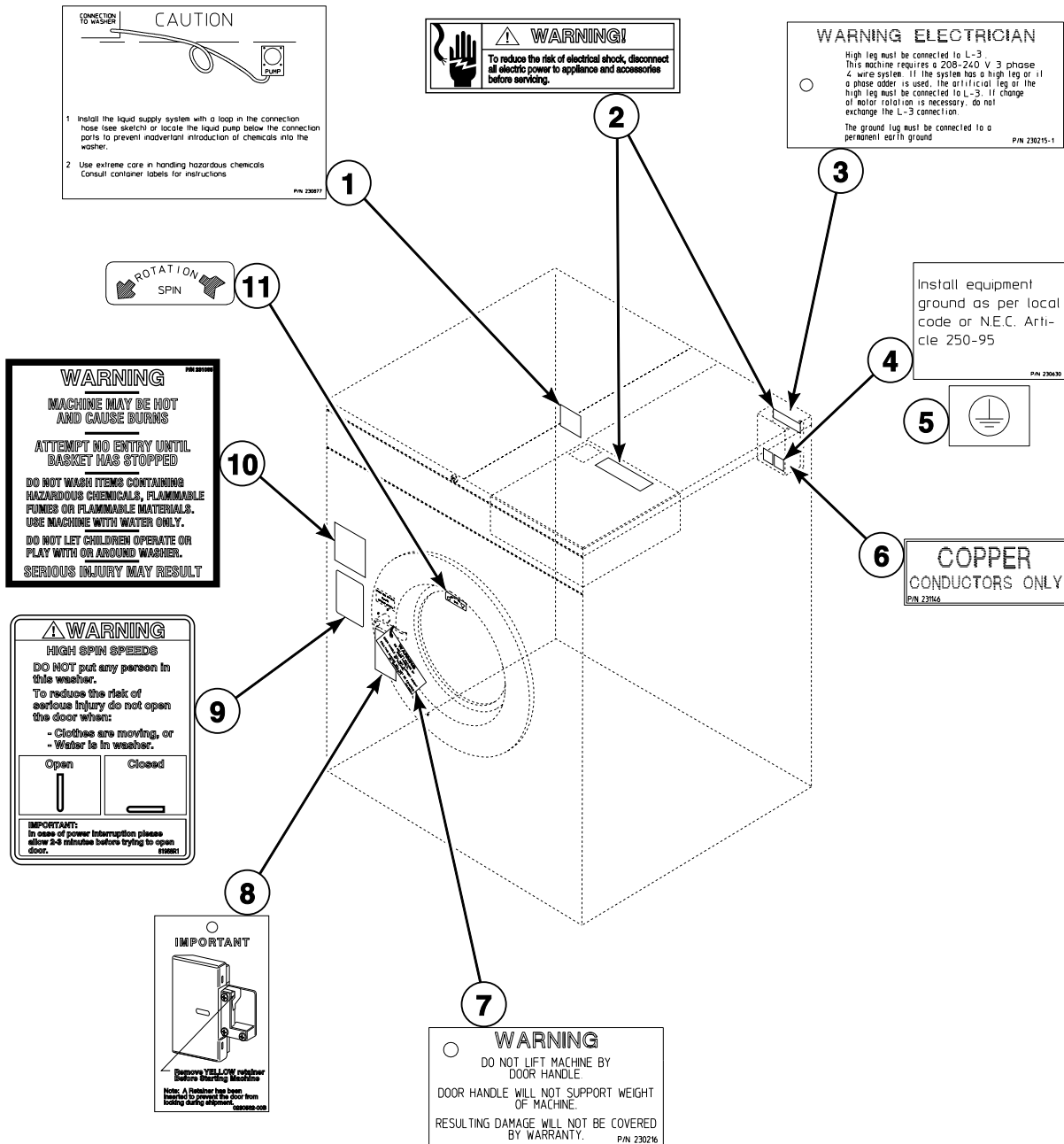
CHM2977P\_F232192



# Product Overview for NetMaster, Mechanical Timer and P, S and V-Computer

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Product Family	DC HC NC SC UC
2	-	Capacity (Pounds)	18 20 25 27 30 35 40 50 60 80 100 125
3	-	Control	M (Mechanical Timer) N (NetMaster) P (P-Computer) S (S-Computer) V (V-Computer)
4	-	Actuation	C (Drop Coin Meter) D (Digital Coin Meter) L (Prep for Remote/Central Pay) N (Non-Coin - OPL) R (Cardmate Plus II) X (Prep for Coin Meter) Y (Prep for Card Reader)
5	-	Speed	2 (2-Speed) 3 (3-Speed) F (F-Speed) V (Variable Speed)
6	-	Voltage	B (120/60/1/2) C (380-415/50/3/4) D (220-240/50/3/3) E (220-240/50/1/2) F (440-480/60/3/3) J (220/50/3/3) N (440-480/50-60/3/3) O (200-240/60/3/3) P (380-415/50-60/3/3) Q (200-240/50-60/3/3) X (200-240/50-60/1/3) Y (208-240/60/1/2)
7	-	Side Panel	N (Network Board Installed) P (Network Adaptable) U (Standard Specs) 1 (Stainless Steel) 2 (Network Board Installed with Stainless Sides) 3 (Network Adaptable with Stainless Sides)
8	-	Design	1-4 and 6

# Decals



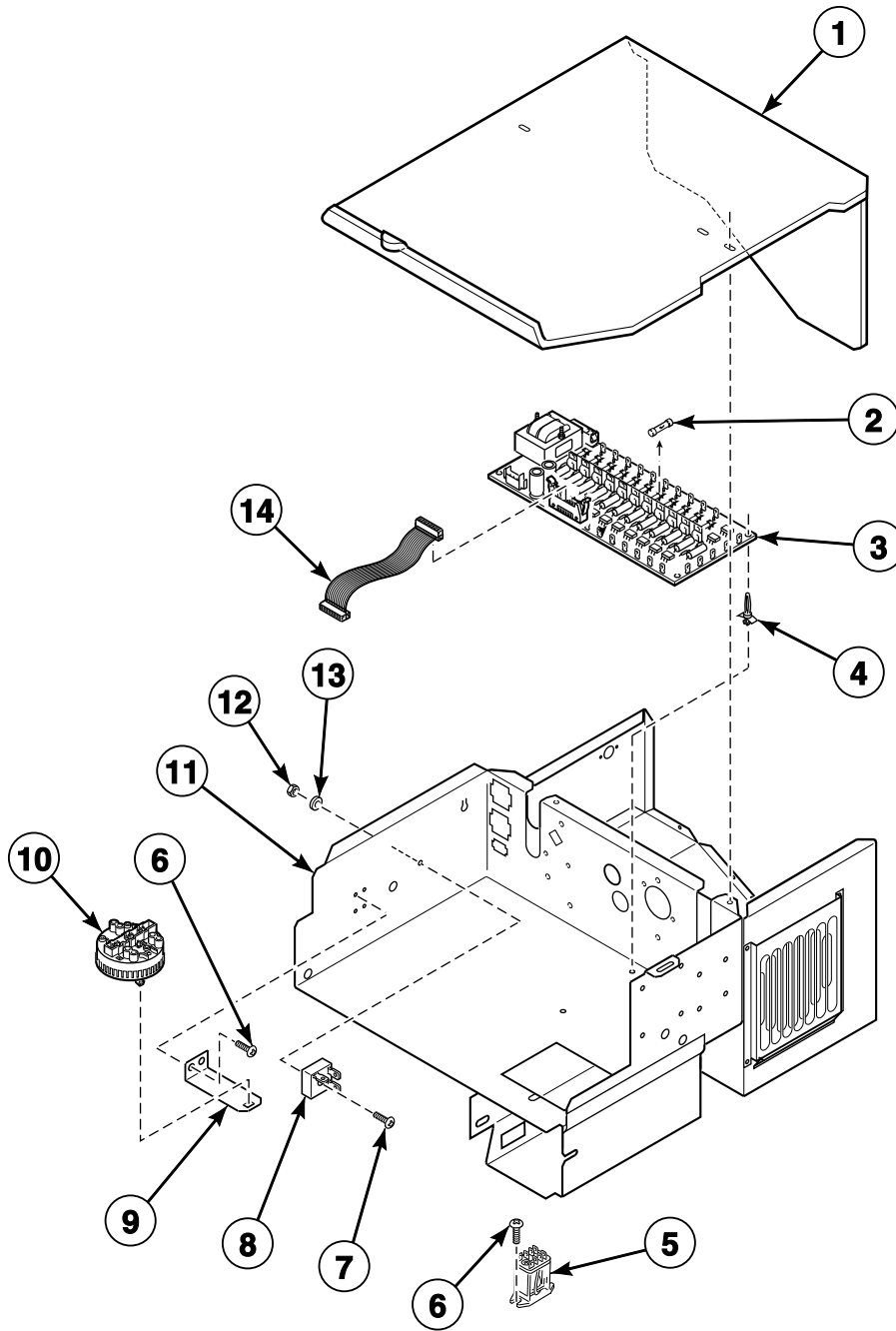
CHM2574P\_F232192

## Decals

REF	PART NO.	DESCRIPTION	COMMENTS
1	F230877	Liquid Supply Decal	
2	505281	Disconnect Power Warning Label	
3	N/A	Voltage Warning Decal	
4	F230630	Ground Decal	
5	F230739	Ground Decal	
6	F231146	Conductor Decal	
7	F230216	Do Not Lift Decal	
8	F230528	Remove Door Lock Tag	
9	81968	Door Warning Label	
10	F231065	Personal Injury Warning Decal	
11	F230693	Counterclockwise Spin Rotation Decal	

N/A = Part no longer available

## Control Module - Models Through 8/1/04



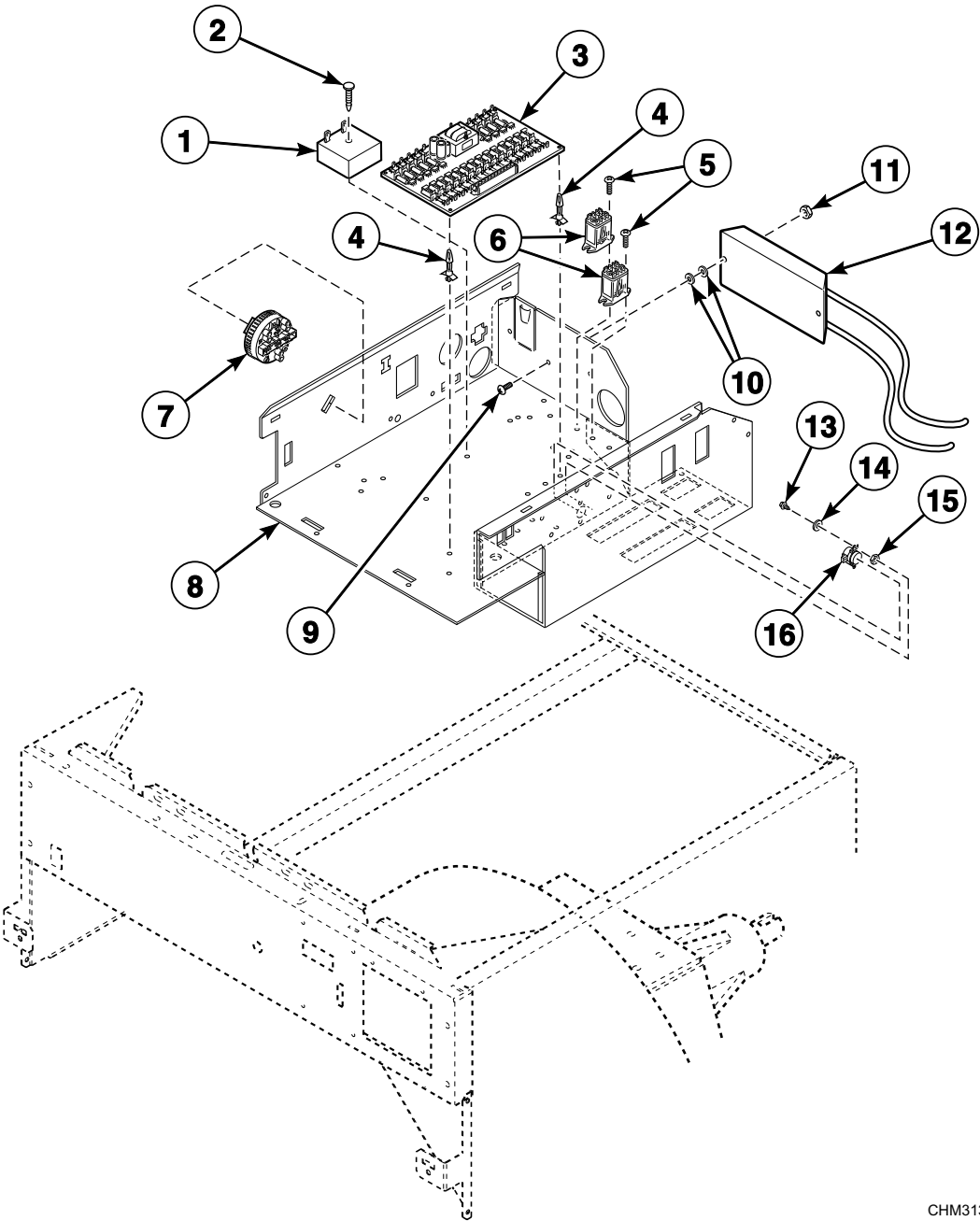
CHM2114P\_F232192

## Control Module - Models Through 8/1/04

REF	PART NO.	DESCRIPTION	COMMENTS
	F200296000P	Computer and Door Lock Harness	Use with F037044860-2 Output CCA
1	N/A	Module Box Cover	
2	F350108	Fuse	1/8 Amp
	F350109	Fuse	1/2 Amp
	F350110	Fuse	1 Amp
3	F8206501P	Output Board VCMP Assembly	120 and 220 Volt; Models through 7/21/04
	F037044860-2	Output CCA	220 Volt; Models starting 7/22/04
4	F180501	Standoff	
5	F330227	Flange Relay	
6	N/A	Screw	
7	F430916	Screw	
8	F370310	Bridge Rectifier	
9	F631920	Water Level Switch Bracket	
10	F8134602P	Pressure Switch	Models SC40VNV and UC40VNV
	F0340345-10P	Water Level Switch	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
	F8223001P	Water Pressure Switch	Heat safety
11	F0637033-01	Control Box Assembly	
12	F430232	Nut	
13	F430325	Washer	
14	F140247	Ribbon Cable	26 pin; 8 inch; Connects the output board cca to the microcomputer

N/A = Part no longer available

Control Module - Models Starting 8/2/04

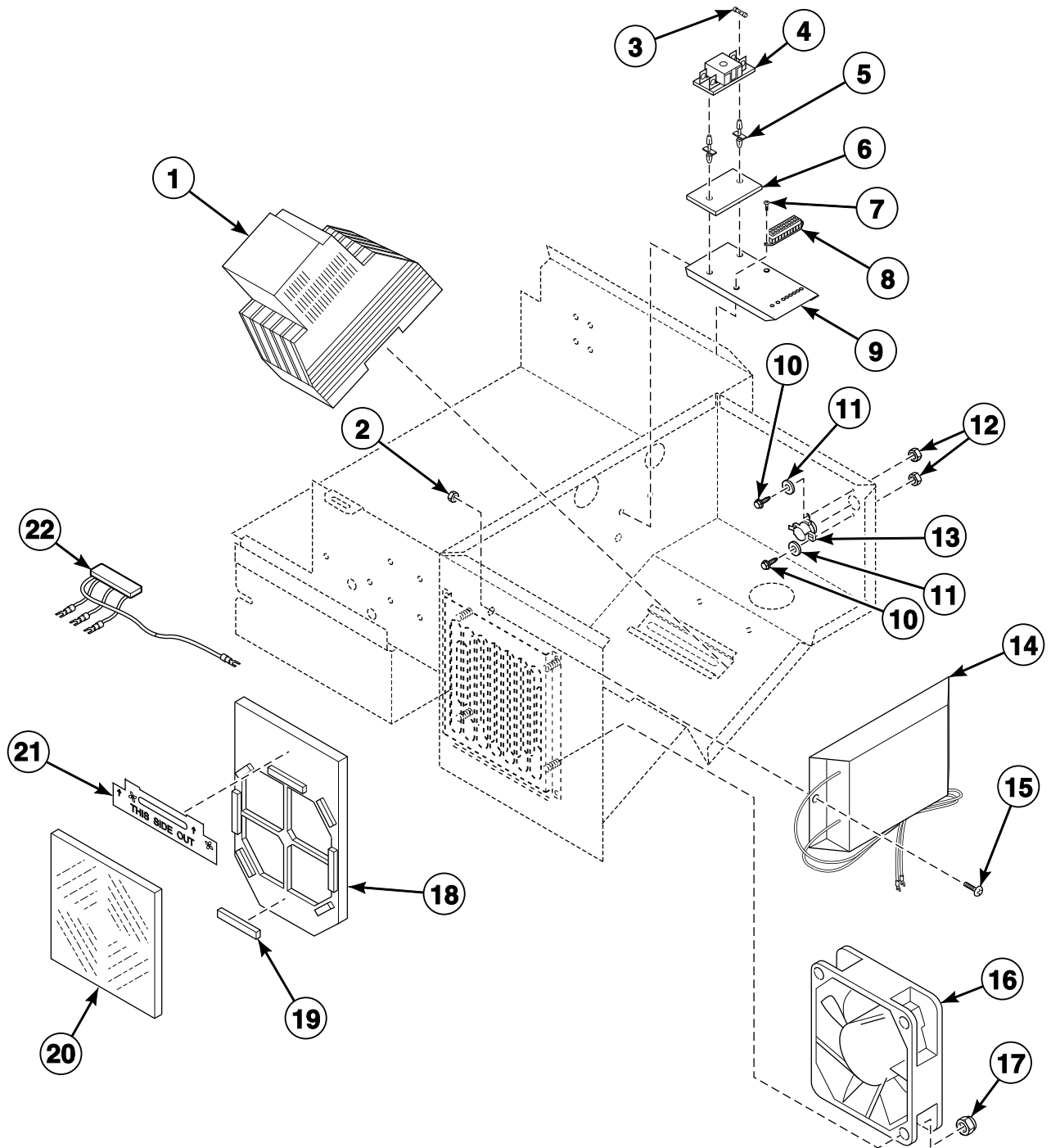


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## Control Module - Models Starting 8/2/04

REF	PART NO.	DESCRIPTION	COMMENTS
	F200296000P	Computer and Door Lock Harness	Use with F037044860-2 Output CCA
1	F0330404-00P	Timer	
2	F0432316-00	Ratchet Fastener	
3	F037044860-2	Output CCA	Models SC40VNV, SC50VNV, SC60VNV, UC40VNV, UC50VNV and UC60VNV
	F8206501P	Output Board VCMP Assembly	Models SC60VNF and UC60VNF
4	F180501	Standoff	
5	F0430165-00	Screw	
6	F330230	Flange Relay	
7	F0340345-10P	Water Level Switch	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
	F8134602P	Pressure Switch	Models SC40VNV and UC40VNV
	F8223001P	Water Pressure Switch	Heat safety
8	F200100102	Module Box Assembly	
9	F430909	Screw	
10	F8195301	Washer	
11	F431016	Nut	
12	F8080001P	AC Drive Resistor Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; 200 Volt
	F8079901P	AC Drive Resistor Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; 400 Volt
13	F430928	Screw	
14	F431113	Washer	
15	F431022	Nut	
16	F0290116-00	Thermostat	

# AC Drive - Models Through 8/1/04



CHM2739P\_F232192

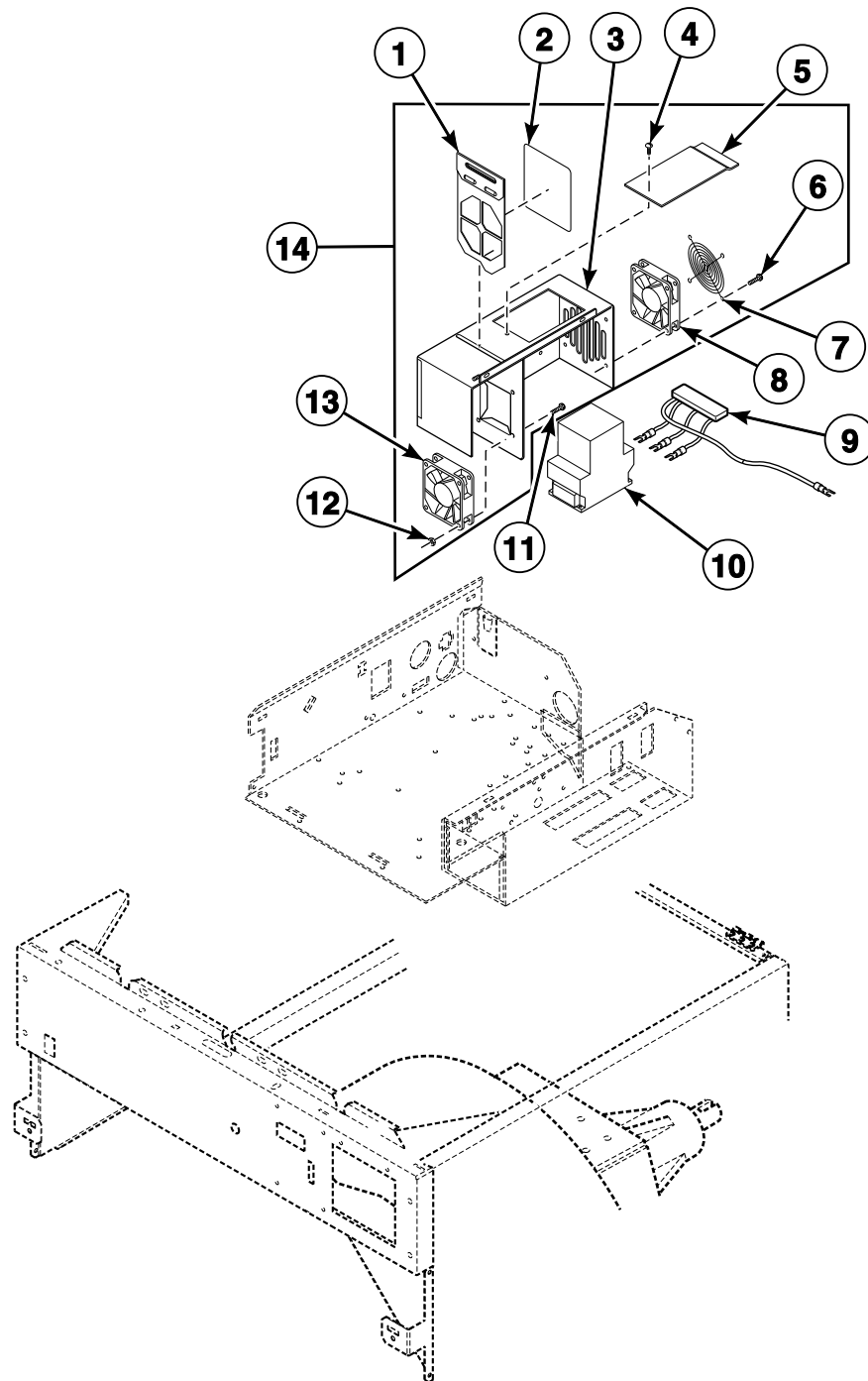


## AC Drive - Models Through 8/1/04

REF	PART NO.	DESCRIPTION	COMMENTS
1	F370857	Inverter Drive	Models SC40VNV, SC50VNV, UC40VNV and UC50VNV; Q, T and X-voltage
	F370858	Inverter Drive	Models SC40VNV, SC50VNV, UC40VNV and UC50VNV; N and P-voltage
	F370843	Inverter Drive	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Q, T and X-voltage
	F370844	Inverter Drive	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; N and P-voltage
2	F431016	Nut	
3	F350110	Fuse	1 Amp
	F350117	Fuse	2 Amp
4	F0350312-10	Fuse Holder	
5	F180501	Standoff	
6	F231393	Fuse Decal	1 Amp
	F231394	Fuse Decal	2 Amp
7	N/A	Screw	
8	F140768	Terminal	
9	F633322	Fuse Terminal Mounting Bracket	
10	F430928	Screw	
11	F431113	Washer	
12	F431022	Nut	
13	F0290116-00	Thermostat	Models starting 7/22/04
	F290115	Thermostat	Models through 7/21/04
14	F8080001P	AC Drive Resistor Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; 200 Volt
	F8079901P	AC Drive Resistor Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; 400 Volt
15	F430909	Screw	
16	F110106	Muffin Fan	
17	F431016	Nut	
18	F633321	Cooling Fan Filter Slide	
19	F140639P	Velcro	
20	F0270321-00P	Filter	
21	F231377	Filter Handle Decal	
22	F200320900	AC Drive Radio Filter Assembly	

N/A = Part no longer available

## AC Drive - Models Starting 8/2/04

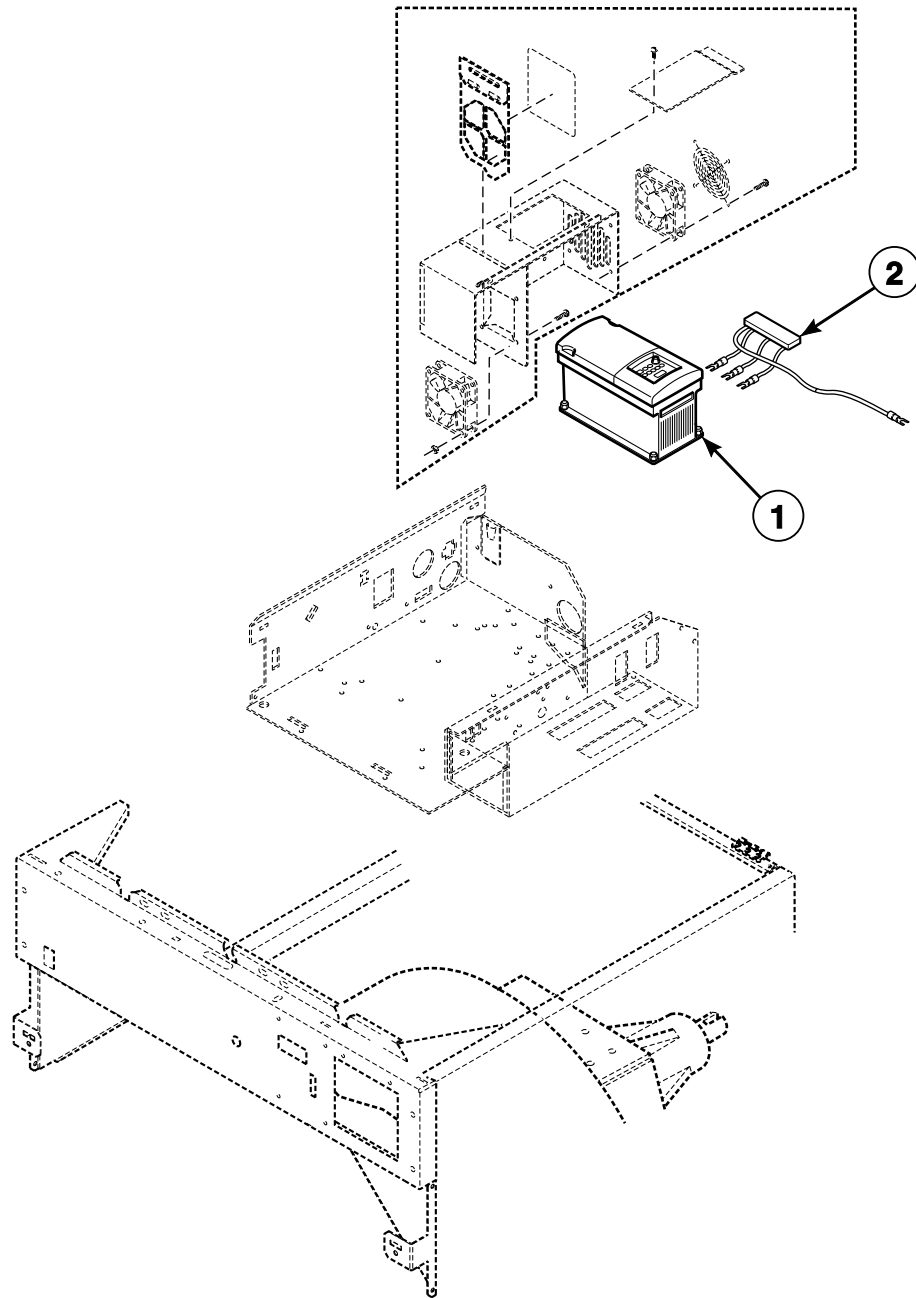


CHM2740P\_F232192

## AC Drive - Models Starting 8/2/04

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8026401P	Air Filter Assembly	Includes item 2, F231377 Filter Handle Decal and F140639 Velcro
2	F0270321-00P	Filter	
3	F200100201	AC Drive Cover Assembly	
4	F430174	Screw	
5	F200181500	Display Window Cover	
6	F430922	Screw	
7	F0220922-00	Fan Guard	
8	F110110	Muffin Fan	
9	F200320900	AC Drive Radio Filter Assembly	
10	F370843	Inverter Drive	
11	F430916	Screw	
12	F430231	Nut	
13	F110105	Muffin Fan	
14	F200146800P	AC Drive Cover Assembly	Includes items 1-8 and 11-13

# AC Drive

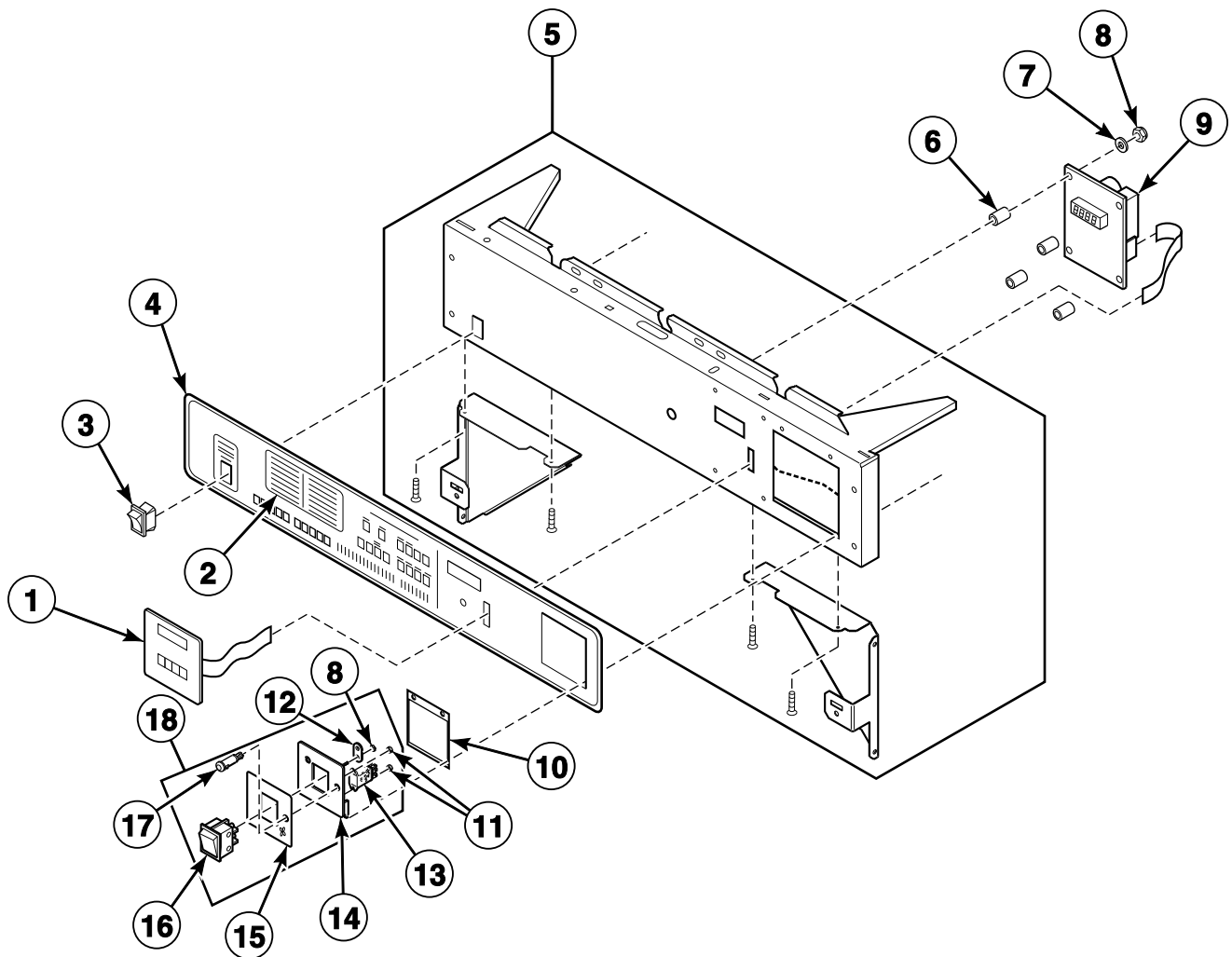


CHM3015P\_F232192

## AC Drive

REF	PART NO.	DESCRIPTION	COMMENTS
	F8172408	160-Series to PowerFlex 40 Drive Kit	SC40 and UC40 models with 160-series drive; Q and X-voltage OPL models; Includes AC Drive F8169422
	F8172504	160-Series to PowerFlex 40 Drive Kit	SC40 and UC40 models with 160-series drive; N and P-voltage OPL models; Includes AC Drive F8169423
	F8172610	160-Series to PowerFlex 40 Drive Kit	SC60 and UC60 models with 160-series drive; Q and X-voltage OPL models; Includes AC Drive F8169426
	F8172704	160-Series to PowerFlex 40 Drive Kit	SC60 and UC60 models with 160-series drive; N and P-voltage OPL models; Includes AC Drive F8169427
<b>1</b>	F8169422	PowerFlex 40 Drive	SC40 and UC40 models that have been retrofitted with F8172408 160-Series to PowerFlex 40 Drive Kit; Q and X-voltage OPL models
	F8169423	PowerFlex 40 Drive	SC40 and UC40 models that have been retrofitted with F8172504 160-Series to PowerFlex 40 Drive Kit; N and P-voltage OPL models
	F8169426	PowerFlex 40 Drive	SC60 and UC60 models that have been retrofitted with F8172610 160-Series to PowerFlex 40 Drive Kit; Q and X-voltage OPL models
	F8169427	PowerFlex 40 Drive	SC60 and UC60 models that have been retrofitted with F8172704 160-Series to PowerFlex 40 Drive Kit; N and P-voltage OPL models
<b>2</b>	F200320900	AC Drive Radio Filter Assembly	

# Control Panel Assembly, Control Panel Decals and Controls



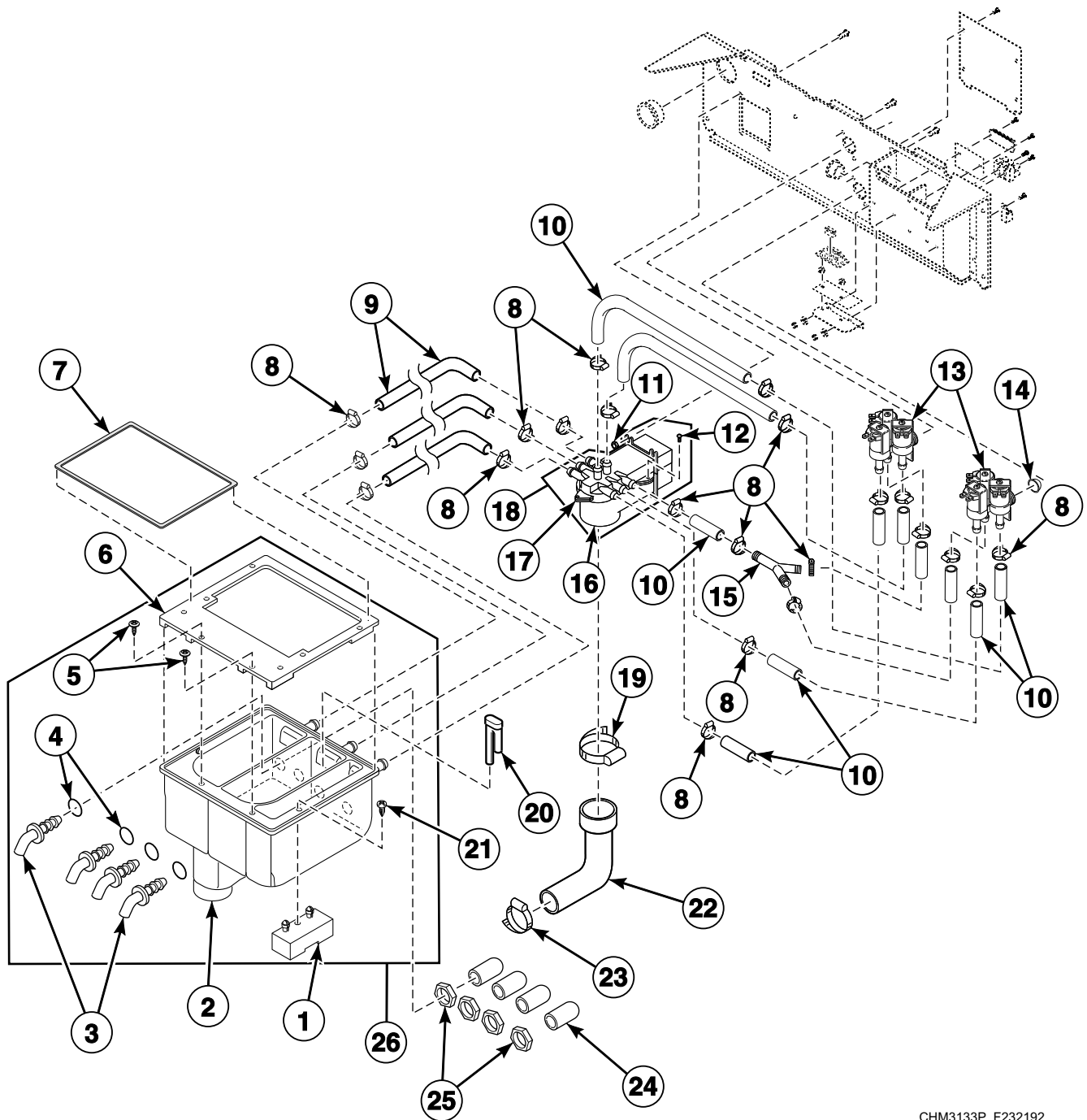
CHM2117P\_F232192

# Control Panel Assembly, Control Panel Decals and Controls

REF	PART NO.	DESCRIPTION	COMMENTS
1	F370576P	Keypad	Models UC40VNV, UC50VNV, UC60VNF and UC60VNV
	F340608P	Membrane Switch	Models SC40VNV, SC50VNV, SC60VNF and SC60VNV
2	F231402	Overlay	Models UC40VNV, UC50VNV, UC60VNF and UC60VNV; U.S. models
	F231404	Overlay	Models SC40VNV, SC50VNV, SC60VNF and SC60VNV; U.S. models
3	F340412	Momentary Switch	Models through 5/26/04
	F200120100	Momentary Switch	Models starting 5/27/04
4	F0231602-32	Control Panel Decal	Model SC40VNV
	F0231601-32	Control Panel Decal	Model UC40VNV
	F231470	Control Panel Decal	Models SC50VNV, SC60VNF and SC60VNV
	N/A	Control Panel Decal	Model UC50VNV
	F200021041	Control Panel Decal	Models UC60VNF and UC60VNV
	N/A	Control Panel Decal	Models UC60VNF and UC60VNV; Icon
5	F0636810-01	Control Panel Assembly	Models SC40VNV and UC40VNV
	F0636921-01	Control Panel Assembly	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
6	F401206	Spacer	
7	F430325	Washer	
8	F430232	Nut	
9	F370313-60P	Microcomputer	Models SC40VNV and UC40VNV
	F370313-13P	Microcomputer	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
10	F0634819-00	Coin Meter Mounting Shim	
11	F430231	Nut	
12	F601515	Clip	
13	F330227	Flange Relay	120 Volt; Models through 8/1/04
	F330230	Flange Relay	220 Volt; Models starting 8/2/04
14	F633540	Switch Mounting Plate Sub-Assembly	
15	F231381	Switch Panel Decal	
16	F340411	Rocker Switch	Red
17	F350411	Light	Amber; 120 Volt; Models through 8/1/04
	F350413	Light	Amber; 220 Volt; Models starting 8/2/04
18	F200057700	Switch Panel Assembly	Models starting 8/2/04; 220 Volt; Includes items 8 and 11-17
	F633510	Switch Mounting Panel Assembly	Models through 8/1/04; 120 Volt; Includes items 8 and 11-17

N/A = Part no longer available

# **Fill Plumbing Assembly and External Supply Assembly** **(Drawing 1 of 2)**



CHM3133P\_F232192

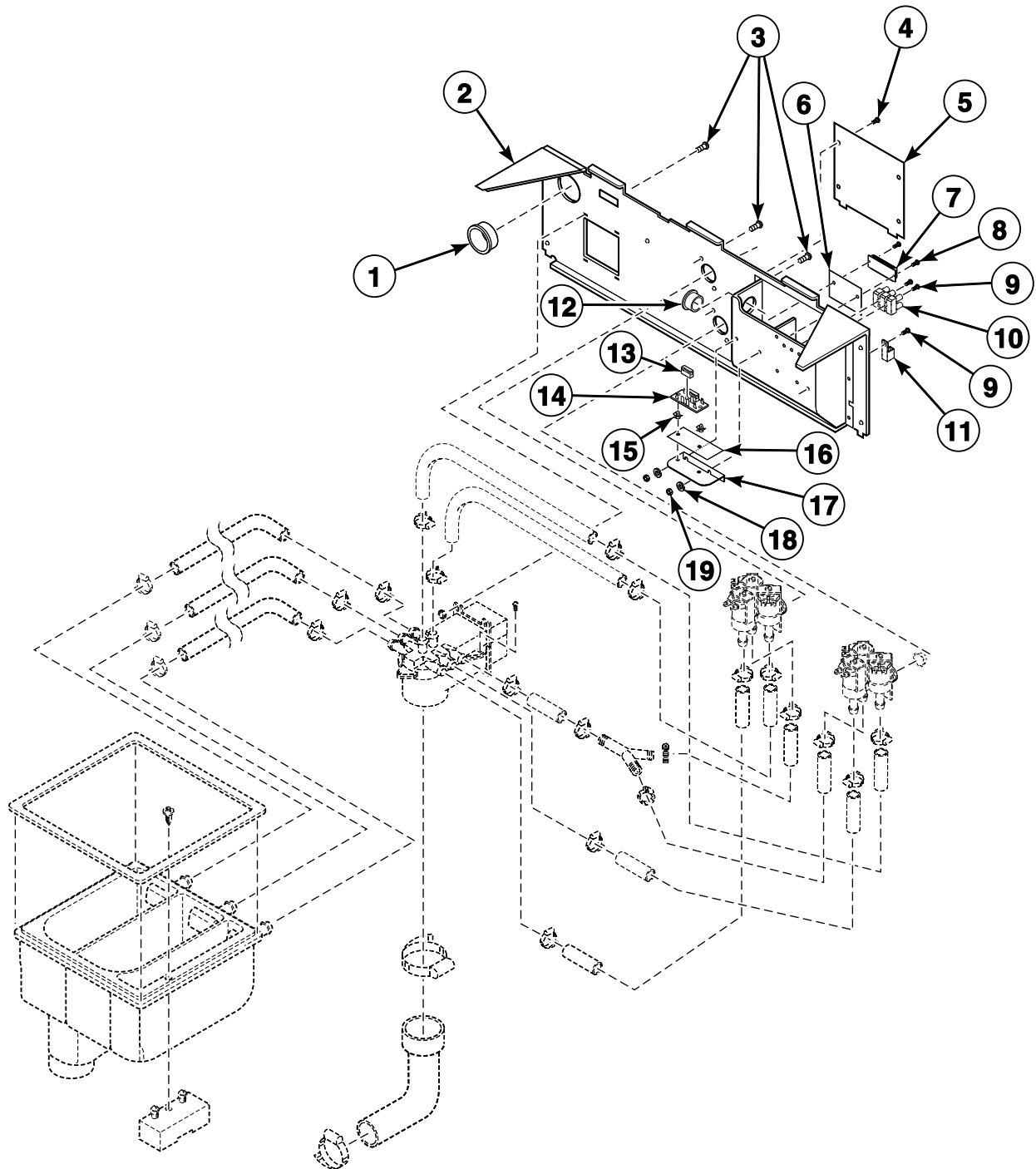


# Fill Plumbing Assembly and External Supply Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	G582P3	Diaphragm and Guide Kit	Use with F0381736-00P 3-Way Valve, F0381737-00P 3-Way Valve, F0381738-00P 3-Way Valve, F0381750-00P 3-Way Valve and F0381766-00P 3-Way Valve
1	F0150504-00	Supply Dispenser Standoff	
2	F602374	Supply Dispenser Sub-Assembly	
3	F8322001	Injection Nozzle	
	F730168	Injection Nozzle Kit	Includes items 4 and 23
4	F170208	O-Ring	
5	F430956	Screw	
6	F0150503-00	Supply Dispenser Bezel	
7	F0170190-00P	Bezel Gasket	
8	36801	Hose Clamp	No. 6
9	F0200244-00	Vacuum Breaker Hose	
10	F200108P	Water Hose	
11	F430231	Nut	
12	F430177	Screw	
13	F0381765-00P	3-Way Valve	Standard thread; Cold; 120 Volt; Models through 8/1/04
	F0381738-00P	3-Way Valve	Standard thread; Cold; 220 Volt; Models starting 8/2/04
	F0381766-00P	3-Way Valve	Standard thread; Hot; 120 Volt; Models through 8/1/04
	F0381737-00P	3-Way Valve	Standard thread; Hot; 220 Volt; Models starting 8/2/04
	F0381769-00P	3-Way Valve	Metric thread; Cold; 120 Volt; Models through 8/1/04
	F0381736-00P	3-Way Valve	Metric thread; Cold; 220 Volt; Models starting 8/2/04
	N/A	3-Way Valve	Metric thread; Hot; 120 Volt; Models through 8/1/04
	F0381750-00P	3-Way Valve	Metric thread; Hot; 220 Volt; Models starting 8/2/04
14	F270200	Strainer	3-way inlet valves
15	F422808	Y Connector	
16	F015033000	Vacuum Breaker Bottom	
17	F0150329-00	Vacuum Breaker Top	
18	F603031	Vacuum Breaker Assembly	Includes items 12, 16 and 17
19	N/A	Hose Clamp	No. 48
20	F150390	Siphon Tube	
21	F0430268-00	Screw	
22	F150321	Vacuum Breaker Hose	Models SC40VNV and UC40VNV
	F150340	Vacuum Breaker Hose	Models SC50VNV and UC50VNV
	F0150340-01	Vacuum Breaker Fill Hose	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV
23	F200213	Hose Clamp	No. 40
24	F190303	Cap	
25	802292	Nut	
26	F200202201	Supply Dispenser Assembly	Includes items 1, 3-6, 19, 23 and 24

N/A = Part no longer available

# **Fill Plumbing Assembly and External Supply Assembly** **(Drawing 2 of 2)**



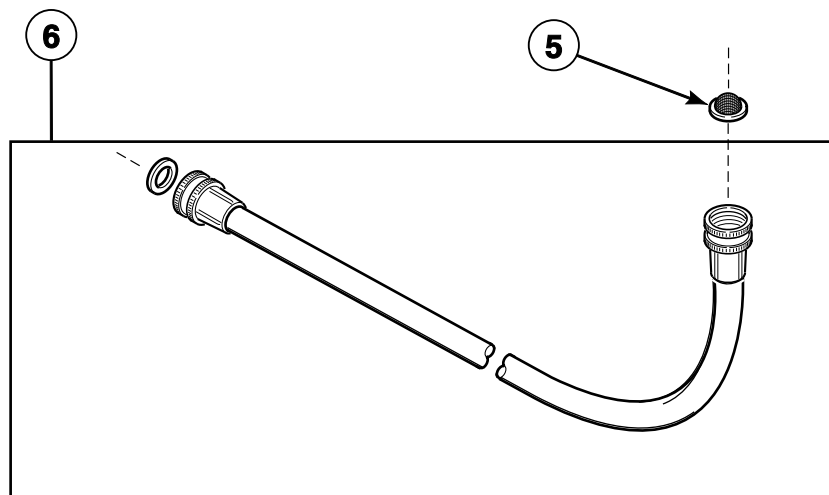
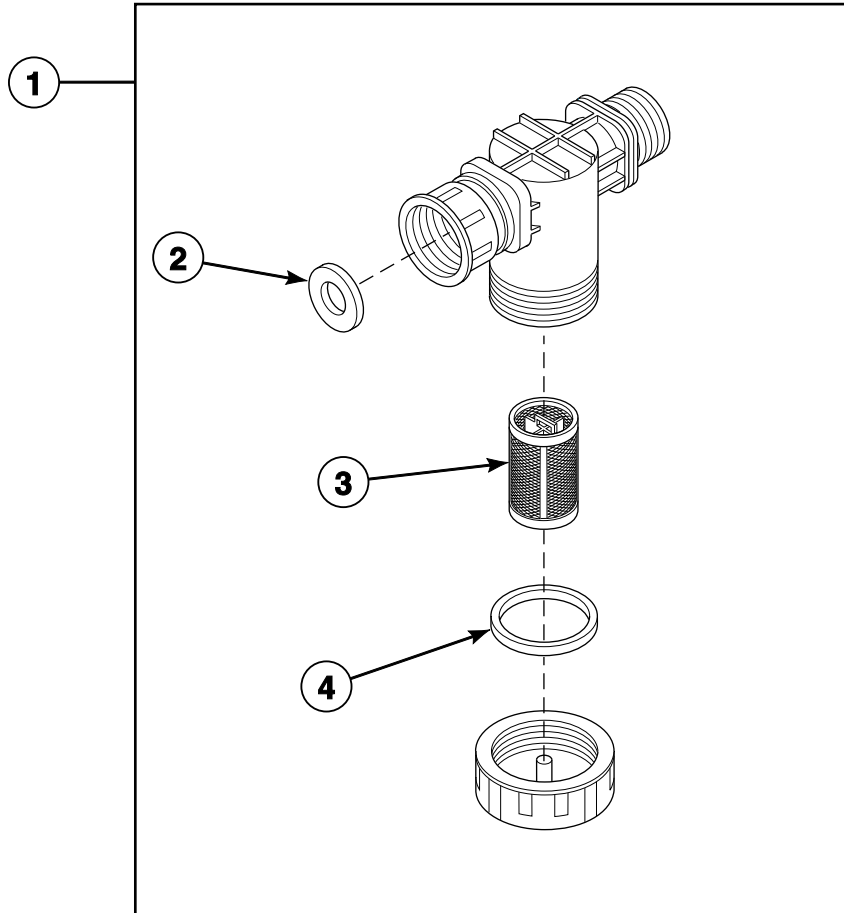
CHM2924P\_F232192

## Fill Plumbing Assembly and External Supply Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F200139500	Grommet	
2	F0636524-01	Valve Panel Assembly	Models SC40VNV and UC40VNV; Standard models
	F0636524-03	Valve Panel Sub-Assembly	Models SC40VNV and UC40VNV; Models with heat
	F0636297-00	Valve Panel Assembly	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; Standard models
	F0636297-01	Valve Panel Assembly	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; Models with heat
3	F430948	Screw	
4	F430174	Screw	
5	F602533	Input Power Connection Box Cover	
6	F231376-5	External Supply Connection Decal	Q, T and X-voltage models through 8/1/04
	F231376-6	External Supply Connection Decal	N and P-voltage models through 8/1/04
	N/A	External Supply Connection Decal	Q, T and X-voltage models starting 8/2/04
	F231376-3	External Supply Connection Decal	N and P-voltage models starting 8/2/04
7	F140766	Terminal	8 place
8	F430916	Screw	
9	F430903	Screw	
10	F140748	Input Power Block	2 terminal
	F140747	Input Power Block	3 terminal; Standard models
	M413865	Terminal Block	3 terminal; Electric heat models
11	F140734	Ground Terminal Lug	
12	F170615	Grommet	Models through 6/29/05
	F140938	Snap Bushing	Models starting 6/30/05
13	F350115	Fuse	3 Amp; Models through 8/1/04
14	F0350312-10	Fuse Holder	Models through 8/1/04
15	F180506	Standoff	Models through 8/1/04
16	F231271	External Supply Fuse Decal	3 Amp
17	F633512	Fuse Holder Bracket	
18	F431113	Washer	
19	F431022	Nut	

N/A = Part no longer available

## Filter (Optional) and Supply Hose

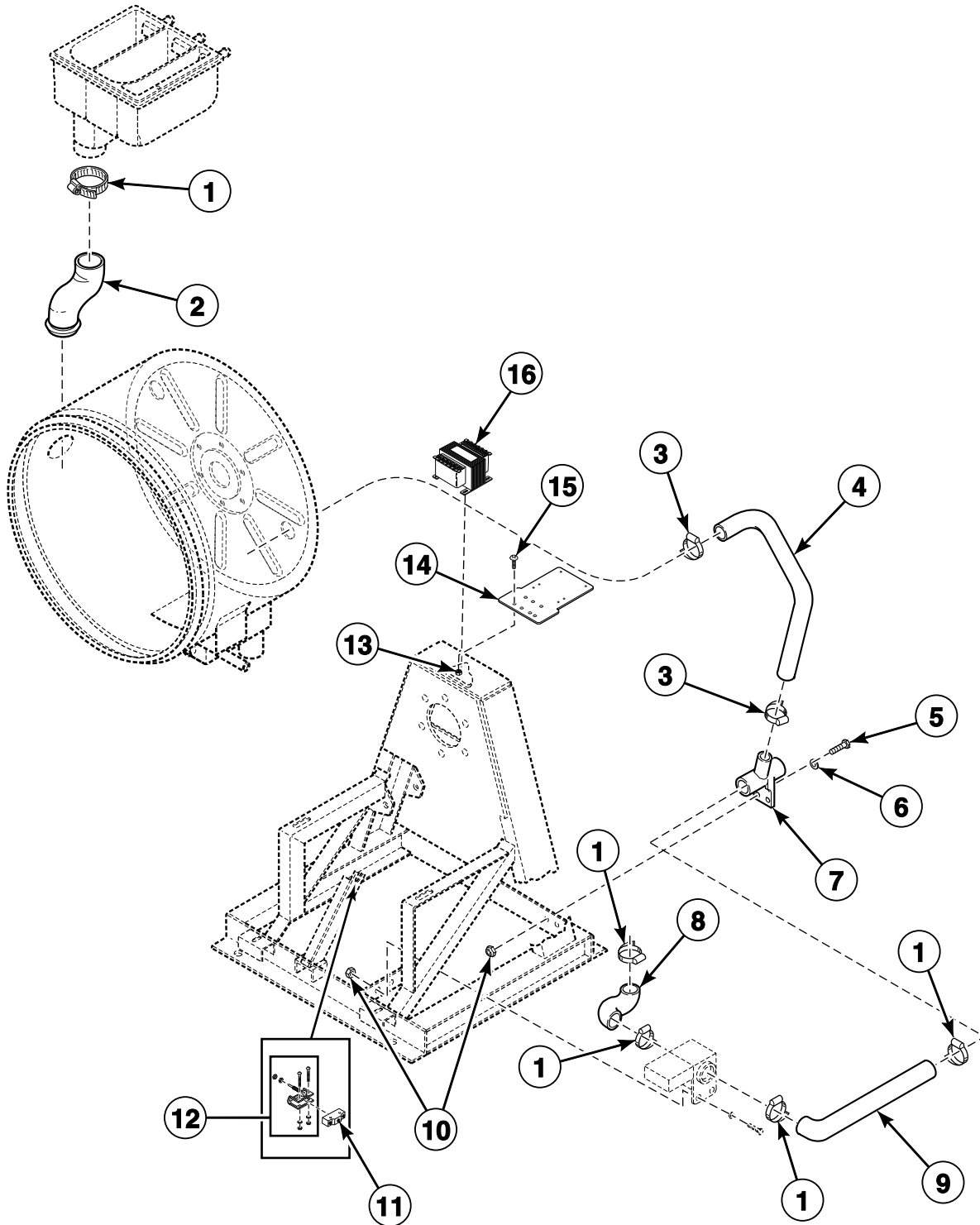


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## Filter (Optional) and Supply Hose

REF	PART NO.	DESCRIPTION	COMMENTS
1	F270306P	Filter	Standard thread
	F270305	Filter	Metric thread
2	20290	Washer	
3	F270406	Replacement Filter	.11 mm
	F270405	Replacement Filter	.25 mm
4	F270407	Filter Housing Cap Gasket	
5	803615	Washer	Filter
6	F200116	Water Hose	3/8 inch; Standard thread
	F200164	Water Hose	3/4 inch; Standard thread
	F200165	Water Hose	1/2 inch; Metric thread
	F200166	Water Hose	3/4 inch; Metric thread

# Drain, Hoses and Air Trap

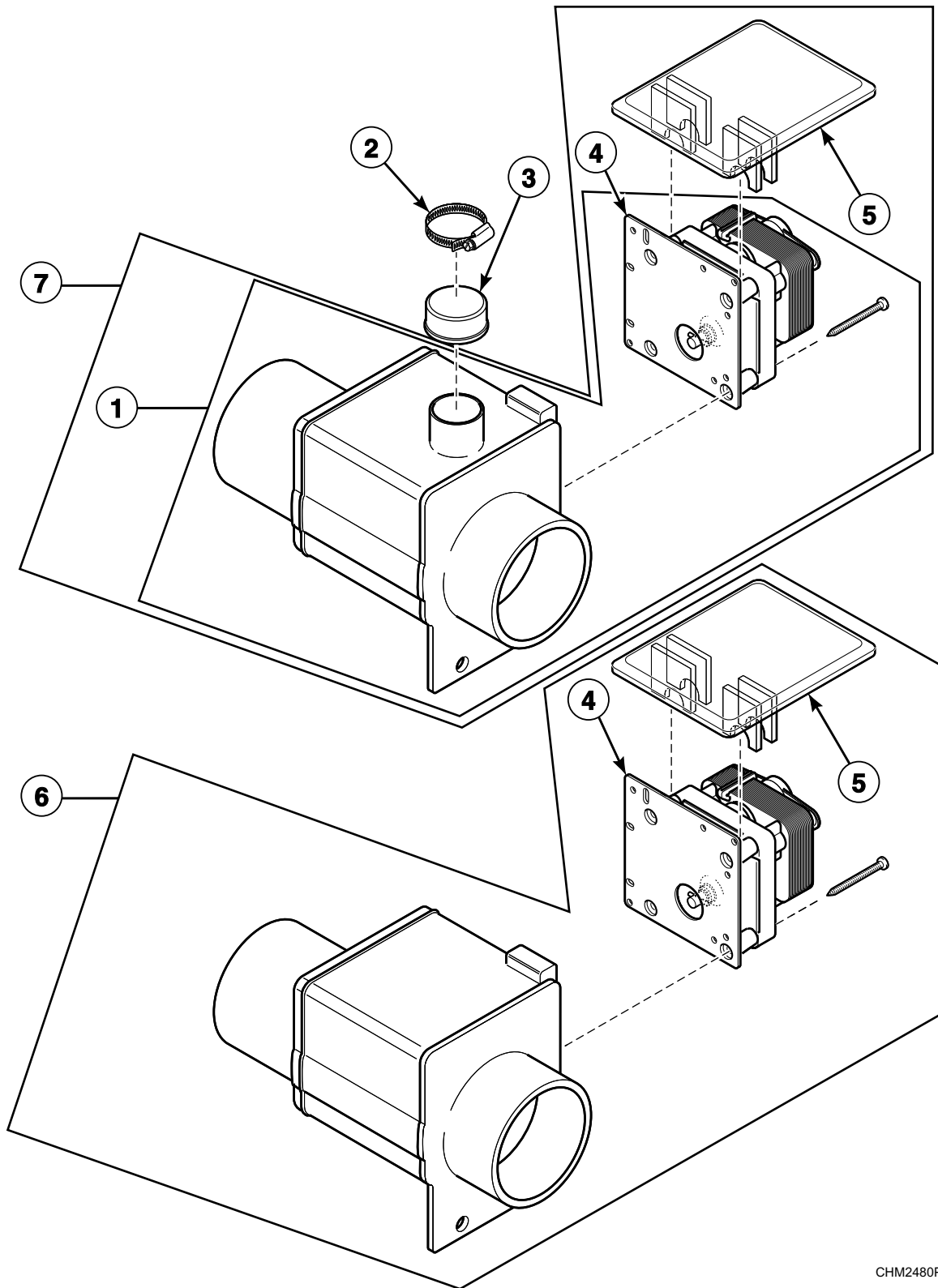


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## Drain, Hoses and Air Trap

REF	PART NO.	DESCRIPTION	COMMENTS
1	F200213	Hose Clamp	No. 40
2	F8071701	Supply Dispenser Hose	
3	F200205	Hose Clamp	No. 10
4	F0200238-00	Overflow Hose	Models SC40VNV and UC40VNV
	F150417	Overflow Hose	Models SC50VNV and UC50VNV
	F150332	Overflow Hose	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV
5	F430927	Screw	Models SC40VNV and UC40VNV
	F430103	Screw	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
6	F430317	Washer	
7	F150398	Drain Tee	Models SC40VNV, SC60VNF, SC60VNV, UC40VNV, UC60VNF and UC60VNV
	F8017101	Drain Connector Tee	Models SC50VNV and UC50VNV
8	F0200240-00	Front Drain Hose	Models SC40VNV and UC40VNV through 1/25/05
	F200185200	Drain Hose	Models SC40VNV and UC40VNV starting 1/26/05
	F200123900	Front Drain Hose	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
9	F0200239-00	Rear Drain Hose	Models SC40VNV and UC40VNV through 1/25/05
	F200185300	Drain Hose	Models SC40VNV and UC40VNV starting 1/26/05
	F150356	Drain Hose	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; For machines with rear-mounted drain valves
	F200123500	Drain Hose	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; For machines with front-mounted drain valves
10	F430215	Nut	
11	F340901	Switch	Models SC40VNV, SC50VNV, UC40VNV and UC50VNV
12	F340913	Switch Extension	Includes all hardware; Models SC40VNV, SC50VNV, UC40VNV and UC50VNV
13	F430215	Nut	
14	F200167700	Transformer Mounting Bracket	
15	F430107	Screw	
16	C000203	Transformer	120 Volt; Models through 8/1/04
	F360156P	Transformer	220 Volt; Models starting 8/2/04

# Drain Valve Assembly



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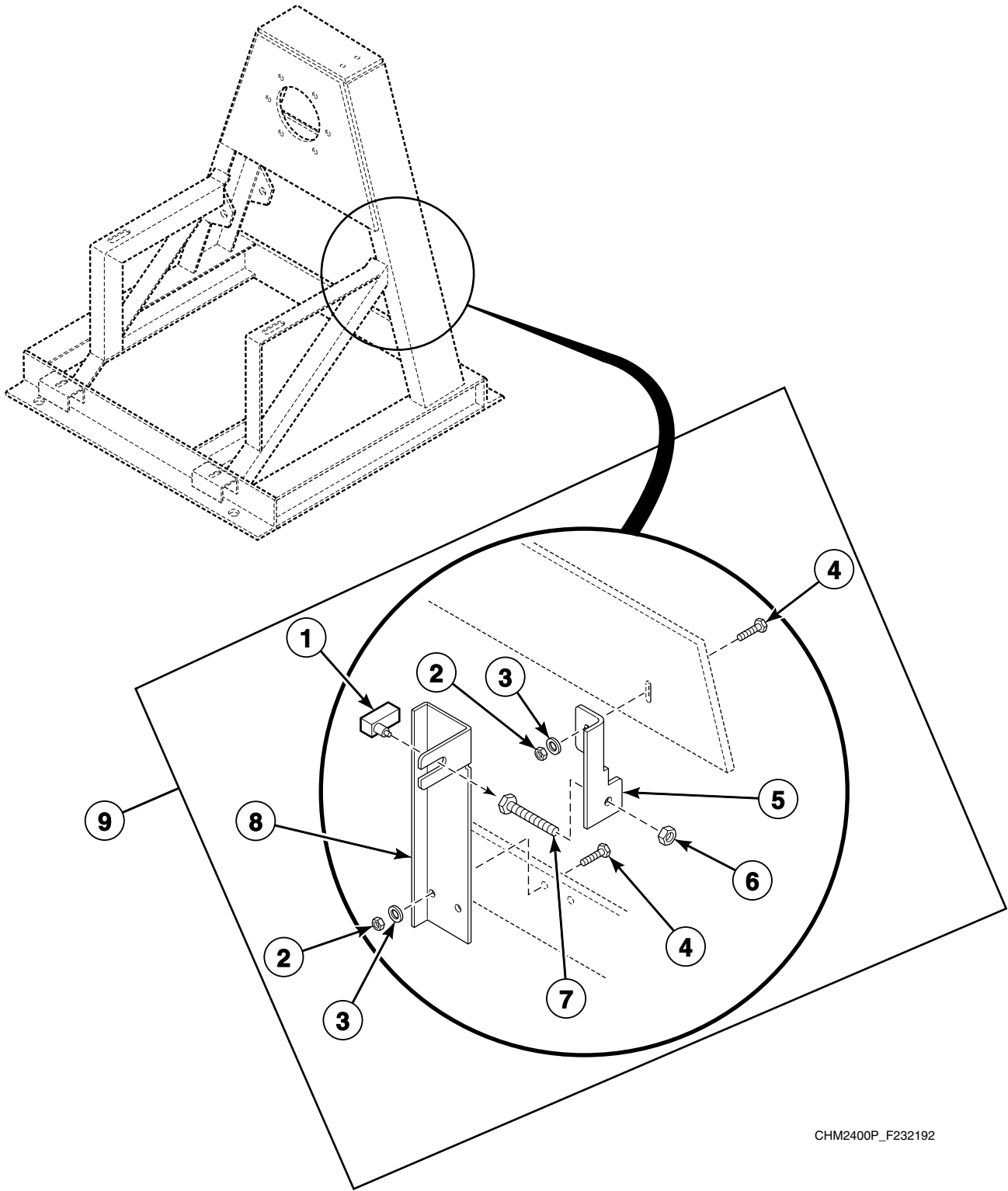


## Drain Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	F8504701	Spring	Use with F038062800 Drain Valve
1	F038062800	Drain Valve	120 Volt; Models with heat option
	F038062900	Drain Valve	220 Volt; Models with heat option
2	F200215	Hose Clamp	No. 28; Models with heat option
3	F150352	Overflow Plug	Models with heat option
4	F380932P	Drain Valve Motor	Round shaft; 120 Volt
	F380933P	Drain Valve Motor	Round shaft; 220 Volt
	F380943P	Drain Motor	Keyed shaft; 120 Volt
	G159764P	Drain Valve Motor and Gear Box Assembly	Keyed shaft; 220 Volt
	F380972P	Drain Valve Motor	Keyed shaft; 240 Volt
5	F200133600	Drain Valve Cover	
6	N/A	Drain Valve	120 Volt; Standard
	N/A	Drain Valve	220 Volt; Standard
	F200166402	Drain Valve Kit	230 Volt; Standard; Models starting 12/13/07
	F200166302	Drain Valve Kit	120 Volt; Includes items 4-6 and screw; Standard
7	F200166300	Drain Valve Kit	120 Volt; Includes items 1, 4, 5 and screw; Models with heat option through 8/1/04

N/A = Part no longer available

# Balance Switch - Models SC60VNV and UC60VNV

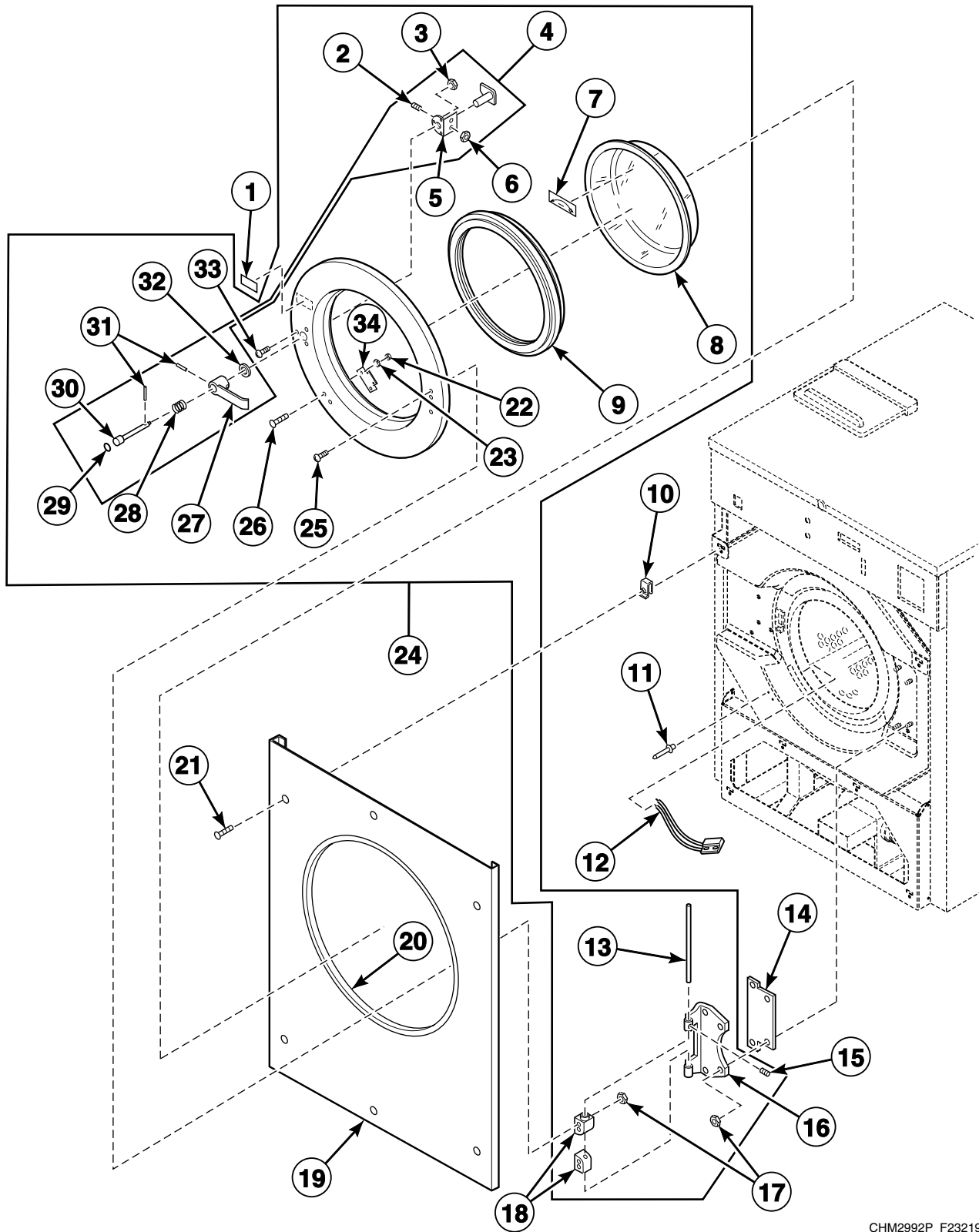


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## Balance Switch - Models SC60VNV and UC60VNV

REF	PART NO.	DESCRIPTION	COMMENTS
1	F340900	Interlock Switch	
2	F430233	Nut	
3	M400080	Washer	
4	F430104	Screw	
5	F200027400	Upper Out-of-Balance Switch Bracket	
6	F431001	Nut	
7	F430124	Screw	
8	F200023000	Lower Out-of-Balance Switch Bracket	
9	F200023100	Out-of-Balance Mounting Bracket Assembly	Includes items 1-8

# Door and Outer Front Panel

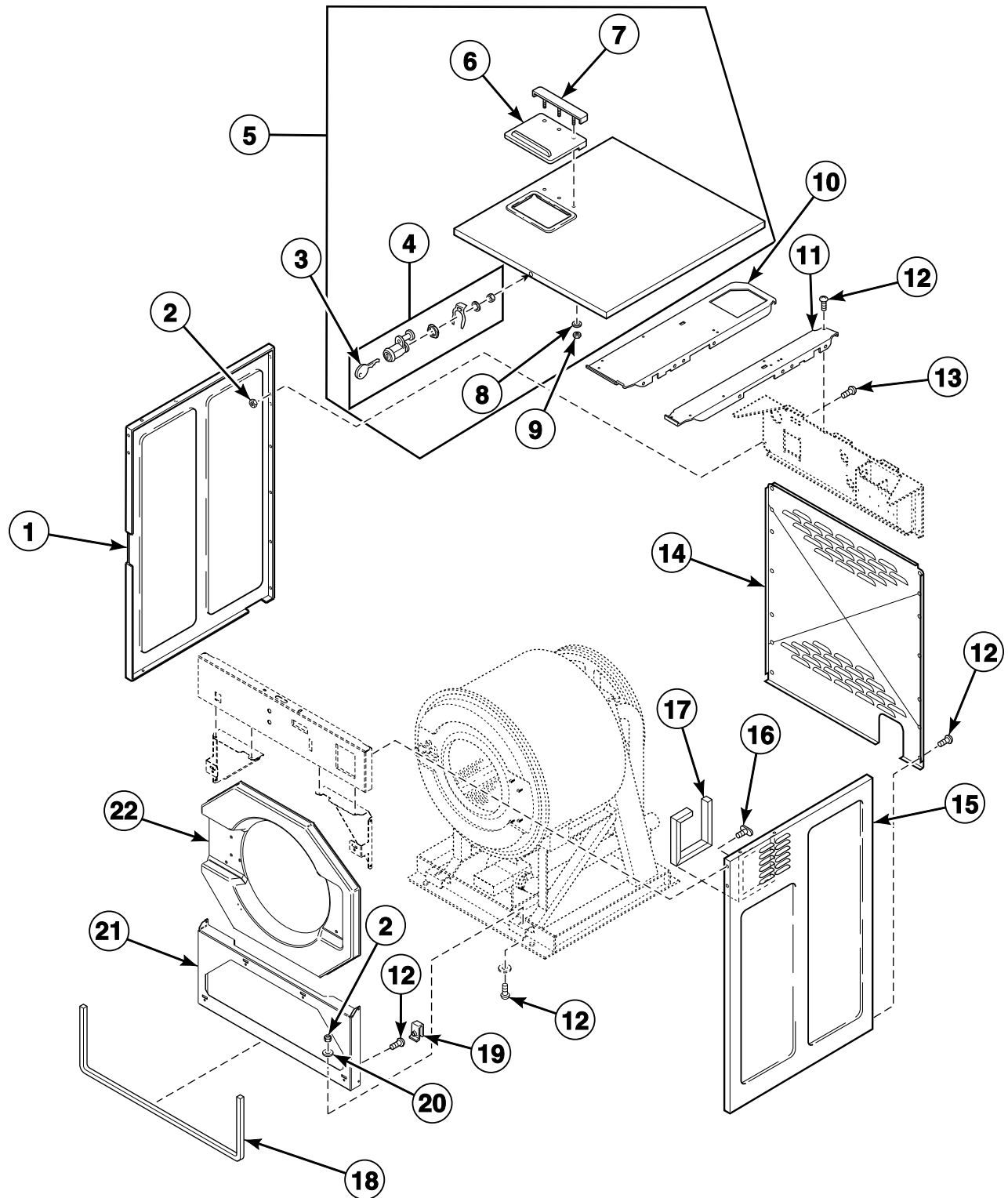


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## Door and Outer Front Panel

REF	PART NO.	DESCRIPTION	COMMENTS
1	F230661	Push Red Button Decal	
2	F430533	Screw	
3	F430232	Nut	
4	F730155	Door Handle Kit	Includes items 2, 3, 5, 6 and 27-32
5	F0150273-00	Door Spacer	
6	F431041	Nut	
7	F230693	Counterclockwise Spin Rotation Decal	
8	F8485401P	Door Glass	
9	F170124	Door Gasket	Gray
	F017012402	Door Gasket	Black
10	F430264	Nut	
11	J1111905	Blind Rivet	Models through 8/10/08
	F8245101	Blind Rivet	Models starting 8/11/08
12	F200321200	Magnetic Switch Assembly	
13	F602813-2	Rod	Models SC40VNV and UC40VNV
	F602813-3	Rod	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
14	F200131000P	Door Hinge Shim Kit	Use as needed
15	F430536	Screw	
16	F190216P	Door Hinge	
17	F430215	Nut	
18	F150271	Door Mount	
19	F8200502P	Front Panel	Models SC40VNV and UC40VNV; Stainless steel
	F8200602P	Front Panel	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; Stainless steel
20	F015050100P	Trim	Models through 4/29/08; F8142701 Adhesive required for installation
21	F430956	Screw	
22	F431022	Nut	
23	F431113	Washer	
24	F060390105	Door Assembly	Includes items 2-9, 13, 15-18, 22, 23 and 25-33; Pantone 403 gasket
	F8150501	Door Assembly	Includes items 2-9, 13, 15-18, 22, 23 and 25-33; Black gasket
25	F430974	Bolt	
26	F430916	Screw	
27	F150225	Door Handle	
28	F310125	Door Lock Spring	
29	F230662	Red Dot Decal	
30	F320300	Pushbutton Rod	
31	F431222	Spring Pin	
32	F431916	Washer	
33	F430976	Screw	
34	F8390801	Magnet	

## Side, Rear, Top and Inner Front Panels

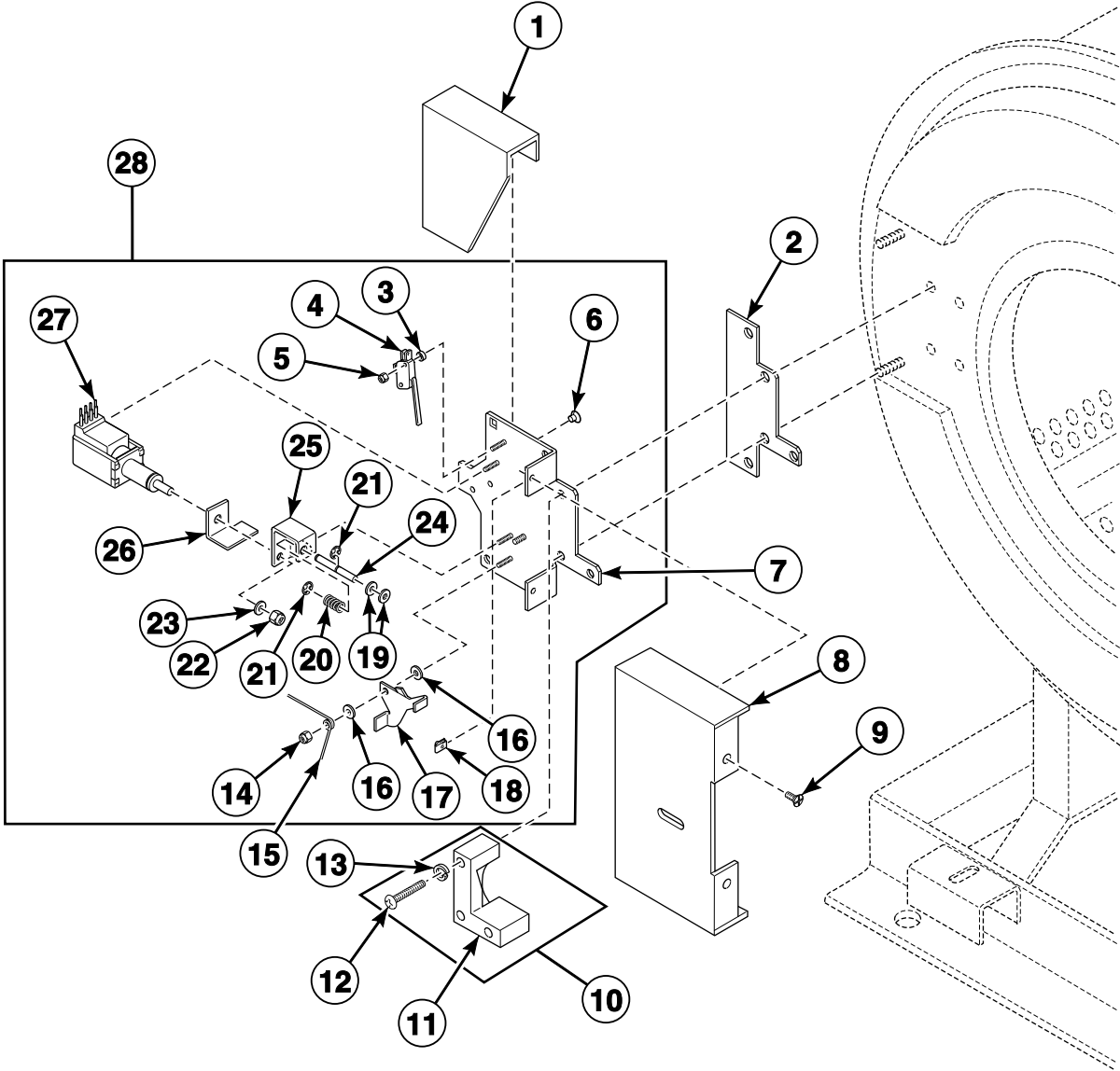


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## Side, Rear, Top and Inner Front Panels

REF	PART NO.	DESCRIPTION	COMMENTS
1	F0635982-00P	Side Panel	Models SC40VNV and UC40VNV through 9/14/07; Stainless steel
	F8155901P	Left Side Panel	Models SC40VNV and UC40VNV starting 9/15/07; Vinyl clad
	F0636299-00	Side Panel	Models SC50VNV and UC50VNV through 9/14/07; Stainless steel
	F8159901	Left Side Panel	Models SC50VNV and UC50VNV starting 9/15/07; Vinyl clad
	F0637628-00P	Side Panel	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV through 9/14/07; Stainless steel
	F8160101P	Left Side Panel	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV starting 9/15/07; Vinyl clad
2	F430215	Nut	
3	70155603	Key	RL003
4	F0190808-00P	Lid Lock Pin	RL003
5	F063664000P	Top Cover Assembly	Models SC40VNV and UC40VNV; Includes items 3, 4 and 6-9
	F063632700	Top Cover Assembly	Models SC50VNV and UC50VNV; Includes items 3, 4 and 6-9
	F063771200P	Top Cover Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Includes items 3, 4 and 6-9
6	F200270500	Supply Dispenser Lid	Gray
7	F630430	Lid Clamp Assembly	
8	F431147	Washer	
9	F431024	Nut	
10	F0637632-00	Cabinet Brace	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV
11	F0636218-00	Cabinet Brace	Models SC40VNV and UC40VNV
	F0636320-00	Cabinet Brace	Models SC50VNV and UC50VNV
12	F430174	Screw	
13	F430925	Screw	
14	F0636220-00P	Rear Panel	Models SC40VNV and UC40VNV
	F200022800P	Rear Panel	Models SC50VNV and UC50VNV
	F200022900P	Rear Panel	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV
15	F0635981-01	Right Side Panel	Models SC40VNV and UC40VNV through 8/1/04; Stainless steel
	F8178201	Side Panel Assembly	Models SC40VNV and UC40VNV starting 9/15/07; Vinyl clad
	F200178200	Side Panel Assembly	Models SC40VNV and UC40VNV starting 8/2/04 and continuing through 9/14/07; Stainless steel
	F0636115-00	Right Side Panel	Models SC50VNV and UC50VNV
	F8159801	Right Side Panel	Models SC50VNV and UC50VNV starting 9/15/07; Vinyl clad
	F200171500P	Side Panel Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV
	F8178401P	Side Panel Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV starting 9/15/07; Vinyl clad
16	F0432320-00	T-Bolt Fastener	
17	F0100316-00P	Ventilation Seal	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV
18	F170403	Grommet	
19	F430264	Nut	
20	F430317	Washer	
21	F0636217-00	Cabinet Brace	Models SC40VNV and UC40VNV
	F634803P	Cabinet Brace	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
22	F0170426-00	Door Bezel	

# Door Lock



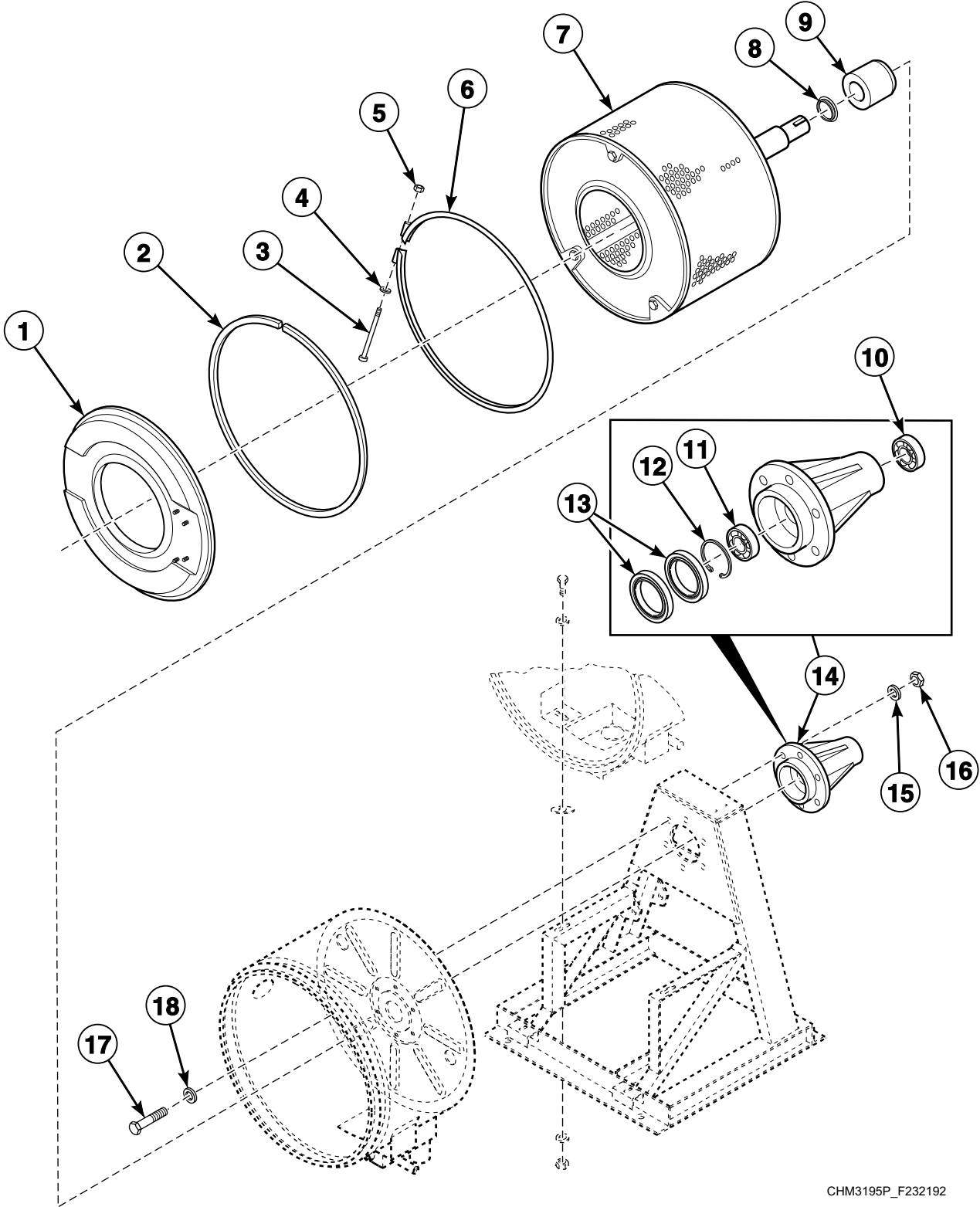
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# Door Lock

REF	PART NO.	DESCRIPTION	COMMENTS
1	F320200	Door Lock Splash Shield	
2	F8059701	Door Lock Plate Shim	
3	F431901	Spacer	
4	F200203200	Door Lock Microswitch	
5	F430225	Nut	
6	F430977	Screw	
7	F8066701	Door Lock Plate Assembly	
8	F603003	Door Lock Assembly Cover	
9	F430956	Screw	
10	F746808	L-Catch Kit	Includes items 11-13
11	F150261	Door Lock Catch Casting	
12	F430982	Screw	
13	F431100	Washer	
14	F430232	Nut	
15	F310110	Door Lock Torsion Spring	
16	F431902	Washer	
17	F0636636-00	Door Lock Switch Lever	
18	F430264	Nut	
19	F431147	Washer	
20	F310137	Door Lock Pin Release Spring	
21	F310205	E-Ring Retainer	
22	F431017	Nut	
23	F431123	Washer	
24	F431231	Door Locking Linkage Pin	
25	F150455	Door Lock Pin Linkage	
26	F0636103-00	Door Lock Retainer Latch	
27	F300128P	Door Release Solenoid	120 Volt; Models through 8/1/04
	F0300131-00P	Door Lock Solenoid	220 Volt; Models starting 8/2/04
28	F0798839-00	Door Lock Kit	120 Volt; Models through 8/1/04; Includes items 3-7 and 13-26
	F0798839-01	Door Lock Kit	220 Volt; Models starting 8/2/04; Includes items 3-7 and 13-26

Shell, Basket, Frame and Trunnion (Drawing 1 of 2)

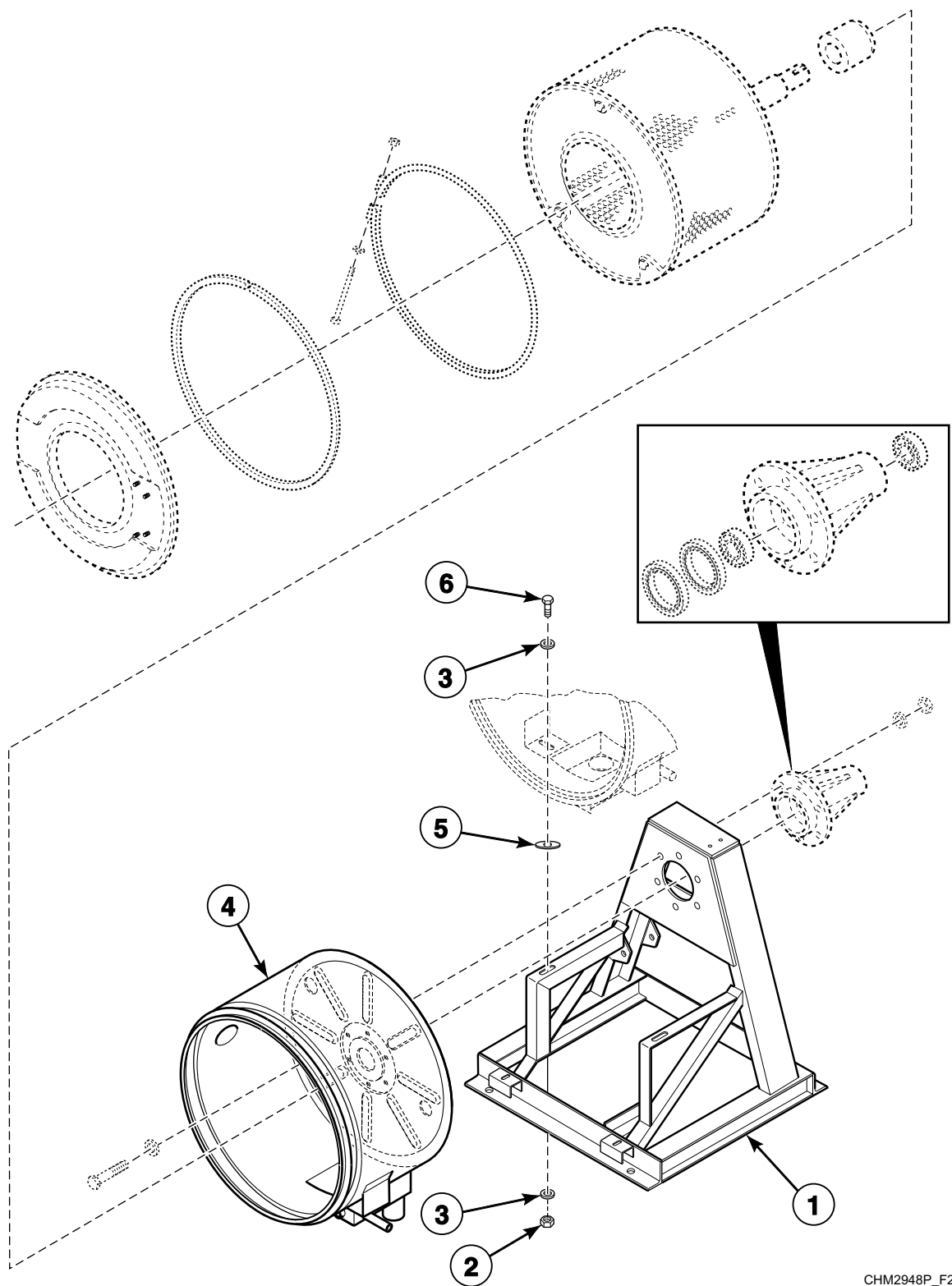


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## Shell, Basket, Frame and Trunnion (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F0636283-00P	Shell Front Assembly	Models SC40VNV and UC40VNV
	F609272-1P	Shell Front Assembly	SC50, SC60, UC50 and UC60 models
2	F792000	Shell Front Gasket Kit	Includes items 3-5
3	F430518	Screw	
4	F430317	Washer	
5	F430215	Nut	
6	F741701	Shell Band Kit	Models SC40VNV and UC40VNV; Includes items 3-5
	F741702	Shell Band Kit	SC50, SC60, UC50 and UC60 models; Includes items 3-5
7	F938P3	Pressfit Upgrade Kit	Models SC40VNV and UC40VNV; Includes items 8, 9, F8336301P Basket Assembly and F747003 Trunnion Kit
	F8391701P	Basket Assembly	Models SC40VNV and UC40VNV; Models that have been upgraded with F938P3 Pressfit Upgrade Kit; Includes items 8 and 9
	F942P3	Pressfit Upgrade Kit	Models SC50VNV and UC50VNV; Includes items 2, 14, F813P3 Hardward Kit and F8391701P Basket Assembly
	F939P3	Pressfit Upgrade Kit	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Includes items 8, 9, F8336501P Basket Assembly and F747005 Trunnion Kit
	F8391901P	Basket Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Models that have been upgraded with F939P3 Pressfit Upgrade Kit; Includes items 8 and 9
8	F8337001	Excluder Seal	Models SC40VNV and UC40VNV; Models that have been upgraded with F938P3 Pressfit Upgrade Kit
	F8337101	Excluder Seal	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Models that have been upgraded with F939P3 Pressfit Upgrade Kit
9	F8312003P	Shaft Seal Sleeve	Models SC40VNV and UC40VNV through 10/14/07
	F8312006P	Shaft Seal Sleeve	Models SC40VNV and UC40VNV; Models starting 10/15/07 that have not been upgraded with F938P3 Pressfit Upgrade Kit
	F8343906P	Shaft Seal Sleeve Kit	Models SC40VNV and UC40VNV; Models that have been upgraded with F938P3 Pressfit Upgrade Kit
	F8343909P	Shaft Seal Sleeve Kit	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
10	F100108	Bearing	Models SC40VNV and UC40VNV; 6208 2RS C3
	F100134	Bearing	SC50, SC60, UC50 and UC60 models; 6310 2RS C3
11	F100123P	Bearing	Models SC40VNV and UC40VNV; 6309 2RS C3
	F100135	Bearing	SC50, SC60, UC50 and UC60 models; 6313 2RS C3
12	F8337801	Retaining Ring	Models SC40VNV and UC40VNV; Models that have been upgraded with F938P3 Pressfit Upgrade Kit
	F8337901	Retaining Ring	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Models that have been upgraded with F939P3 Pressfit Upgrade Kit
13	F8203803	Triple Lip Seal	Models SC40VNV and UC40VNV
	F8203806	Triple Lip Seal	SC50, SC60, UC50 and UC60 models
14	F747002	Trunnion Kit	Models SC40VNV and UC40VNV; Models that have not been upgraded with F938P3 Pressfit Upgrade Kit; Includes items 2-5, 10-11, 13 and 15-18
	F747003	Trunnion Kit	Models SC40VNV and UC40VNV; Models that have been upgraded with F938P3 Pressfit Upgrade Kit; Includes items 2-5, 10-11, 13 and 15-18
	F8283401	Bearing Assembly	Models SC50VNV and UC50VNV; Includes items 10-13 and F8335901 Bearing Housing
	F747005	Trunnion Kit	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Includes items 2-5, 10-11, 13 and 15-18
15	F431131	Washer	
16	F430240	Nut	
17	F430987	Screw	
18	F430317	Washer	

# Shell, Basket, Frame and Trunnion (Drawing 2 of 2)



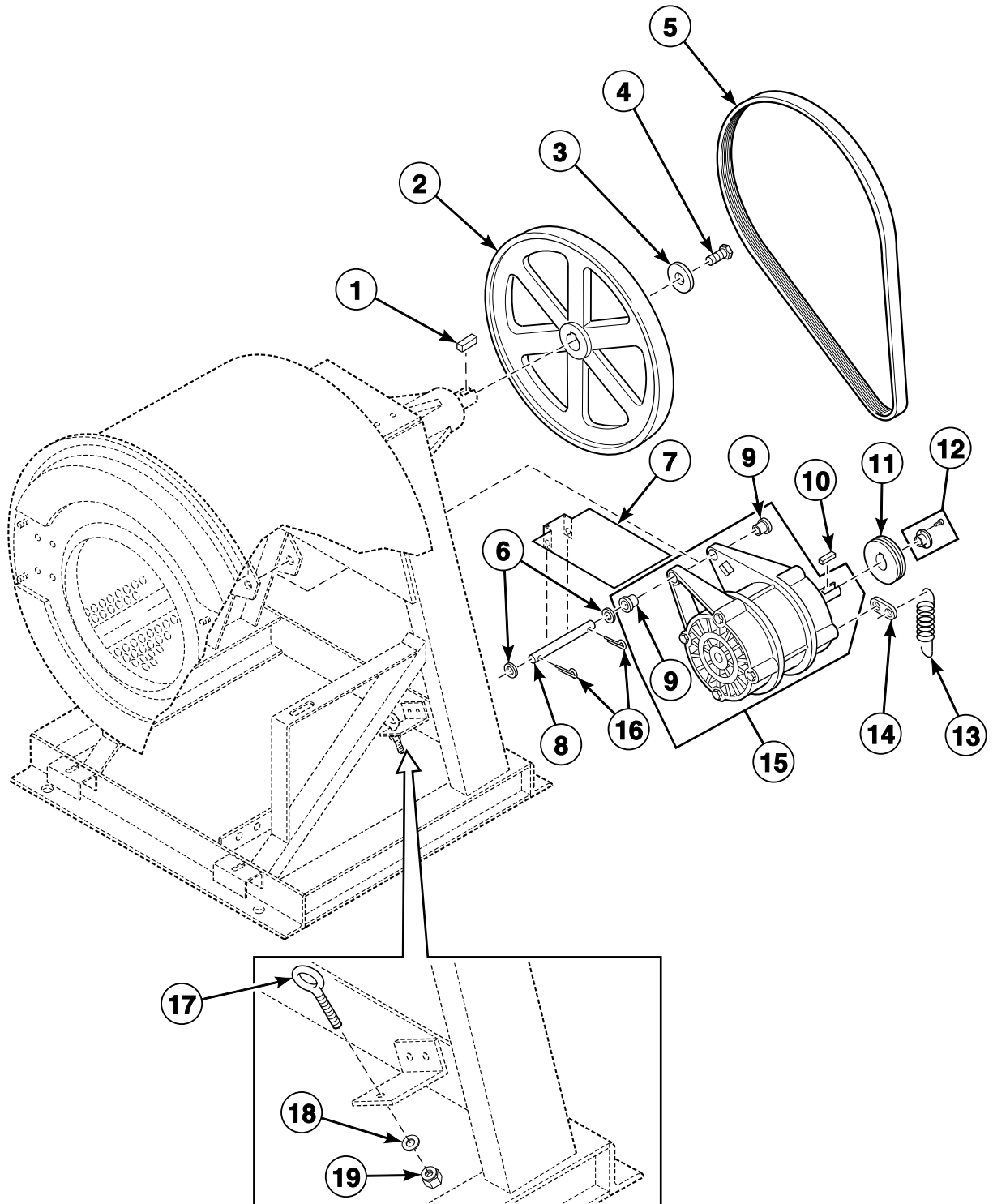
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## Shell, Basket, Frame and Trunnion (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F0636108-01	Frame Weldment	Models SC40VNV and UC40VNV; Models through 1/25/05; Standard
	F200195301	Frame Weldment	Models SC40VNV and UC40VNV; Models starting 1/26/05; Standard
	N/A	Frame Weldment	Models SC40VNV and UC40VNV; Models through 1/25/05; Heat
	F200195302	Frame Weldment	Models SC40VNV and UC40VNV; Models starting 1/26/05; Heat
	F633478	Frame Assembly	Models SC50VNV and UC50VNV
	F0637645-01	Frame Assembly	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV
2	F430218	Nut	
3	F430325	Washer	
4	F063597402P	Shell Weldment	Models SC40VNV and UC40VNV; Models through 1/25/05; Standard
	F200195402	Shell Weldment	Models SC40VNV and UC40VNV; Models starting 1/26/05; Standard
	F0636460-00	Shell Weldment	Models SC50VNV and UC50VNV; Standard
	F0637659-00	Shell Weldment	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Standard
5	F430303	Washer	
6	F430942	Screw	

N/A = Part no longer available

## Motor, Pulley and Belt



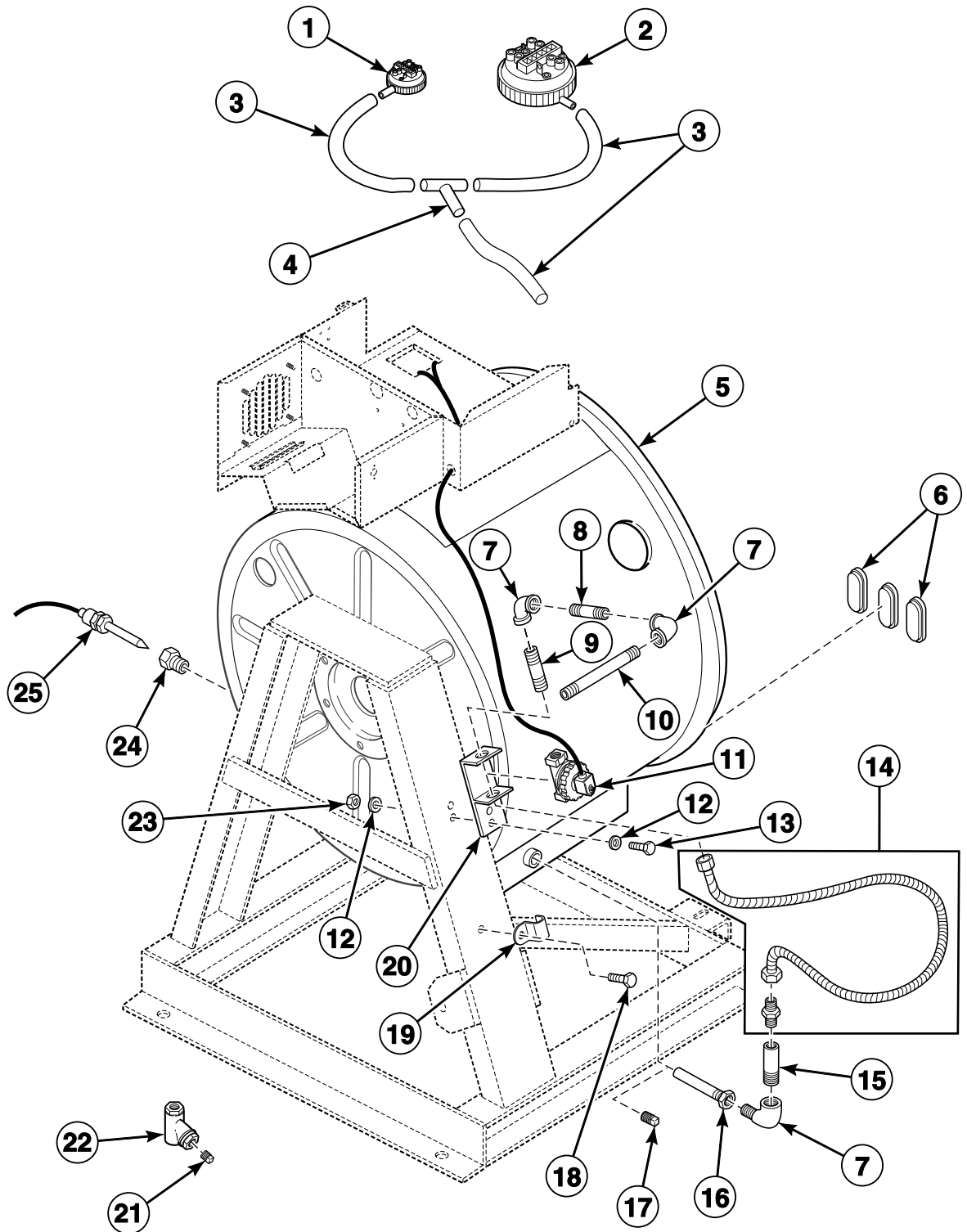
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## Motor, Pulley and Belt

REF	PART NO.	DESCRIPTION	COMMENTS
1	F430801	Key	
2	F150269	Basket Pulley	Models SC40VNV and UC40VNV
	F200299700	Basket Pulley	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
3	F431115	Washer	
4	F430100	Screw	
5	F280369P	Belt	Models SC40VNV and UC40VNV; Poly-V
	F280366P	Belt	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; Poly-V
6	F430325	Washer	
7	F200216900	Motor Drip Shield	
8	F603059	Motor Support Rod	Models SC40VNV and UC40VNV
	F603897	Motor Support Rod	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV
9	F200186100	Motor Support Bushing	
10	F430802	Key	
11	F280287P	Sheave Kit	
12	F280298P	Pulley Bushing	Includes screw
13	F310124	Extension Spring	
14	F633374	Spring Clip	
15	F8329101P	Motor Conversion Kit	Models SC40VNV and UC40VNV; Includes motor support bushing; Replaces F220394P Motor; **
	F8329201P	Motor Conversion Kit	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; Includes motor support bushing; Replaces F220234P Motor; **
	F8329101	Motor	Models SC40VNV and UC40VNV; Models that have been converted with F8329101P Motor Conversion Kit
	F8329201	Motor	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; Models that have been converted with F8329201P Motor Conversion Kit
16	F430401	Cotter Pin	
17	F430537	Screw	
18	F430300	Washer	
19	F430218	Nut	

**\*\* NOTE: AC drive parameters must be compatible with the motor and motor pulley. Please request the AC drive parameter illustration for parameter verification when ordering a motor.**

# Steam Heat Option



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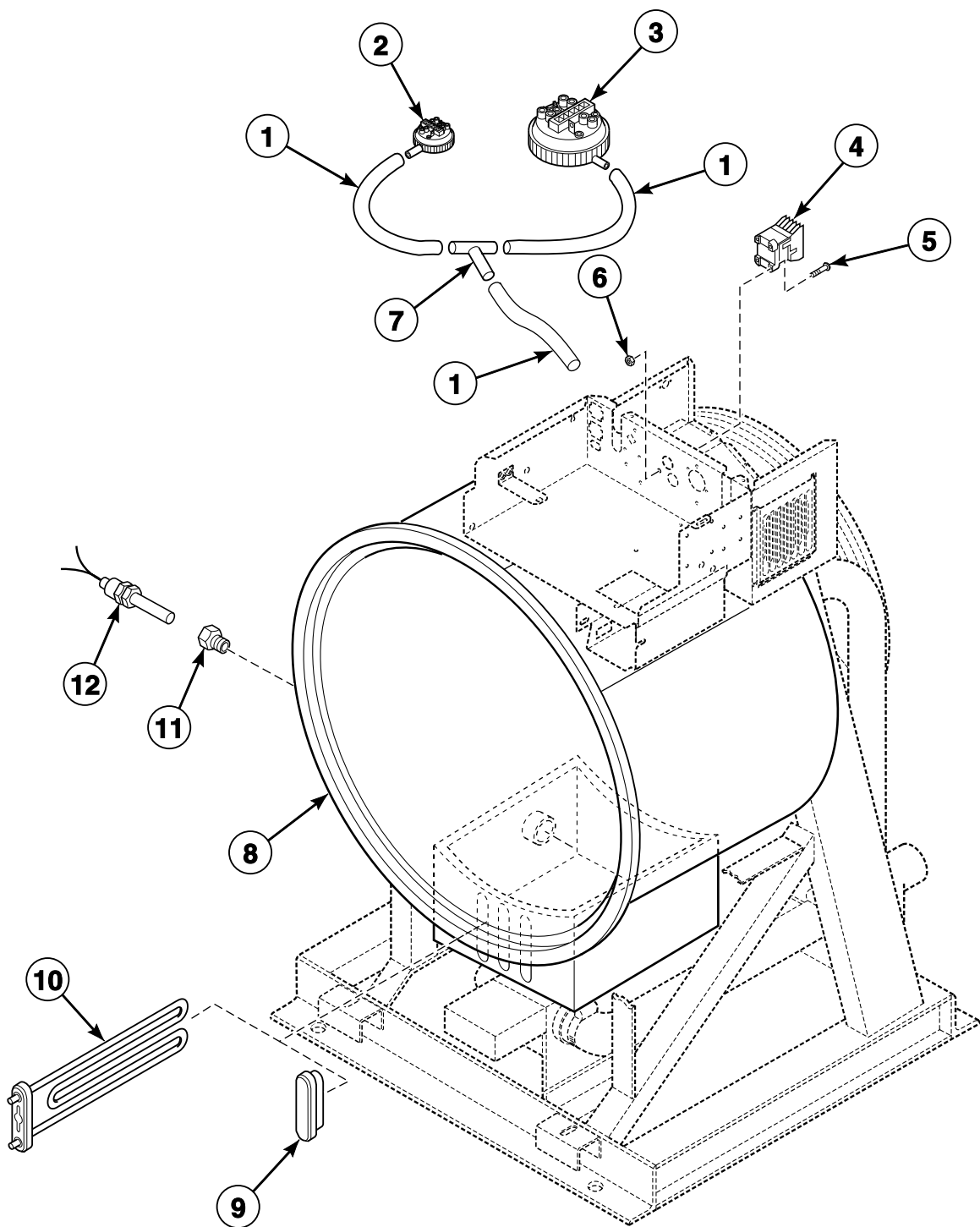


## Steam Heat Option

REF	PART NO.	DESCRIPTION	COMMENTS
	F8514701	Coil	Use with F8322802 Valve
	F8514601	Coil	Use with F8322801 Valve
	F8382301	DIN Valve Adapter Kit	Use with F8322801 Valve and F8322802 Valve
	F8379501	Valve Kit	Use with F8322801 Valve and F8322802 Valve
1	F8223001P	Water Pressure Switch	Small; Heat safety
2	F0340345-10P	Water Level Switch	Large
3	F422404P	Tubing	
4	F422806	Tee	
5	F200199700	Shell Weldment	Models SC40VNV and UC40VNV through 1/25/05; Steam heat option
	F8196204	Shell Weldment	Models SC40VNV and UC40VNV starting 1/26/05; Steam heat option
	F0636747-00	Shell Weldment	Models SC50VNV and UC50VNV; Steam heat option
	F0637661-00	Shell Weldment	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Steam heat option
6	F360202	Heating Element Plug	Models SC40VNV and UC40VNV 3 required; Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV 9 required
7	70079601	Elbow	
8	F420708	Nipple	
9	70435601	Pipe Nipple	
10	70214101	Pipe Nipple	
11	F8322802	Valve	Replaces F380786P Steam Valve; Includes F8514701 Coil; For models that have been upgraded with F8521601 DIN Valve Kit
	F8521601	DIN Valve Kit	Replaces F380786P Steam Valve; Includes F8322802 Valve and F8514701 Coil
	F8322801P	Valve	Replaces F380787P Steam Valve; Includes F8514601 Coil; For models that have been upgraded with F8521801 DIN Valve Kit
	F8521801	DIN Valve Kit	Replaces F380787P Steam Valve; Includes F8322801 Valve, F8382301 DIN Valve Adapter Kit and F8514601 Coil
12	F430317	Washer	
13	F430108	Screw	
14	F200153P	Steam Hose	Models SC40VNV and UC40VNV; Y-voltage
	F200154	Steam Hose	All other models
	F410300	Pipe Insulation	
15	70435601	Pipe Nipple	Models SC40VNV and UC40VNV; Y-voltage
16	F603131	Steam Injector Tube Assembly	
17	F200202600	Plug	
18	F0430165-00	Screw	
19	N/A	Cable Strap	
20	F601186	Steam Bracket Assembly	
21	F420409	Plug	
22	F270307	Steam Filter	
23	F430215	Nut	
24	F421936	Reducer Bushing	
25	F370606P	Temperature Probe	

N/A = Part no longer available

# Electric Heat Option



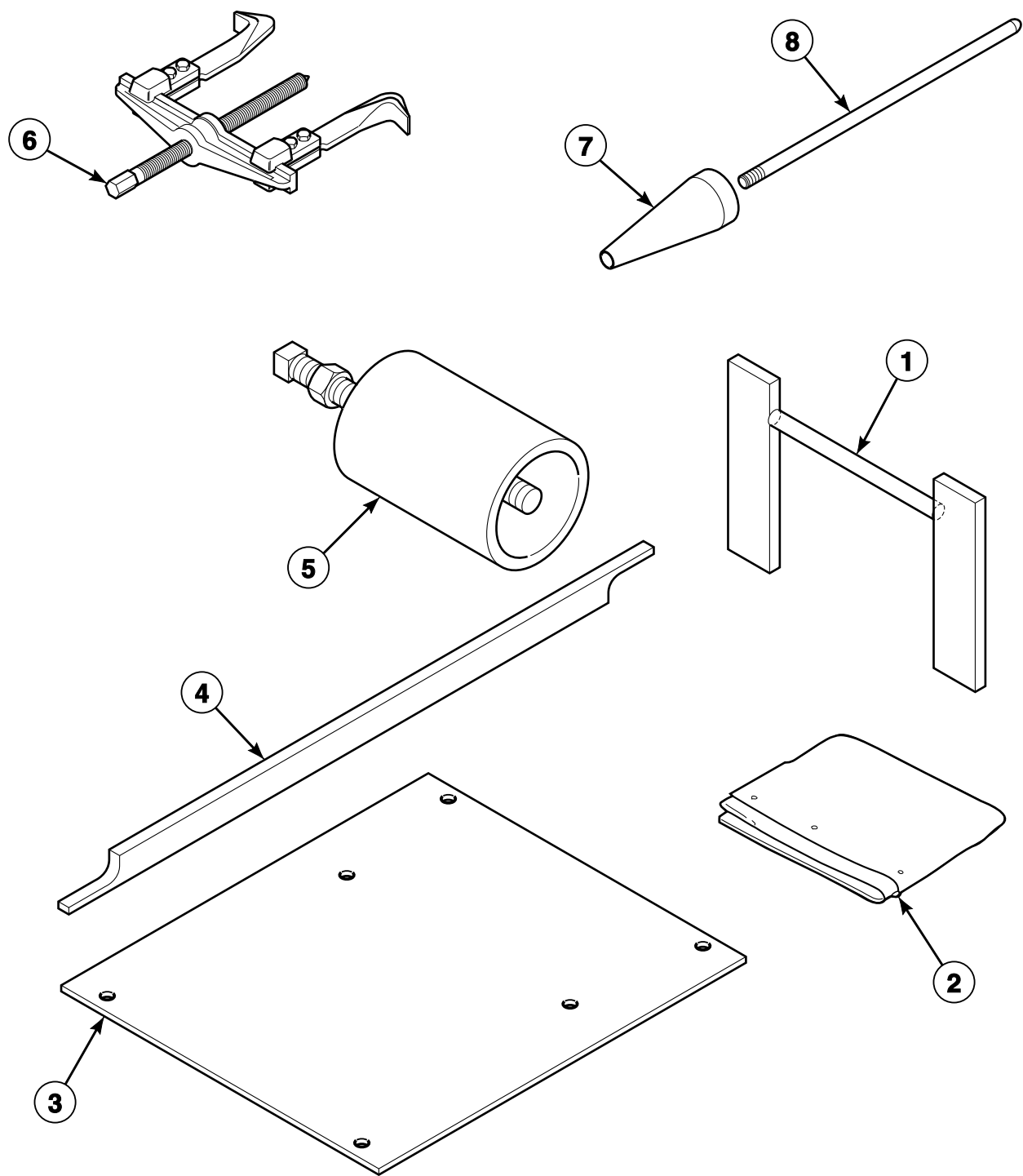
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## Electric Heat Option

REF	PART NO.	DESCRIPTION	COMMENTS
1	F422404P	Tubing	
2	F8223001P	Water Pressure Switch	Small; Heat safety
3	F0340345-10P	Water Level Switch	Large
4	F330180P	Contactor	Models SC40VNV and UC40VNV; Q-voltage; Models through 8/1/04; 120 Volt
	F330182	Contactor	Models SC40VNV and UC40VNV; Q-voltage; Models starting 8/2/04; 220 Volt
	F330178P	Contactor	Models SC40VNV and UC40VNV; N and P-voltage; Models through 8/1/04; 120 Volt
	F330179P	Contactor	Models SC40VNV and UC40VNV; N and P-voltage; Models starting 8/2/04; 220 Volt
	F330180P	Contactor	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; N-voltage; Models through 8/1/04; 120 Volt
	F330182	Contactor	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; N-voltage; Models starting 8/2/04; 220 Volt
	F330187P	Contactor	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; P and Q-voltage; Models through 8/1/04; 120 Volt
	F330188P	Contactor	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; P and Q-voltage; Models starting 8/2/04; 220 Volt
5	F430917	Screw	
6	F430231	Nut	
7	F422806	Tee	
8	F8196202	Shell Weldment	Models SC40VNV and UC40VNV; Electric heat; Centered top hole in back of shell
	F200199700	Shell Weldment	Models SC40VNV and UC40VNV; Electric heat; No centered top hole in back of shell
	N/A	Shell Assembly	Models SC50VNV and UC50VNV; Electric heat
	F0637661-00	Shell Weldment	Models SC60VNF, SC60VNV, UC60VNF and UC60VNV; Electric heat
9	F360202	Heating Element Plug	
10	F0360210-00	Heating Element	Models SC40VNV and UC40VNV; 3 required
	F360205P	Element	Models SC50VNV, SC60VNF, SC60VNV, UC50VNV, UC60VNF and UC60VNV; 9 required
11	F421936	Reducer Bushing	
12	F370606P	Temperature Probe	

N/A = Part no longer available

Special Tools



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## Special Tools

REF	PART NO.	DESCRIPTION	COMMENTS
	389P4	Basket Tool Kit	Purchase; Requires F460129P Bearing Puller Tool
	390P4-1	Basket Rental Tool Kit	Requires F460129P Bearing Puller Tool
1	F460131	Basket Pulley Puller Tool	
2	F450127	Template	SC50 and UC50 models
3	F0637047-00	Bolt Layout Mounting Template	SC40 and UC40 models
	F608710	Bolt Layout Mounting Template	SC50, SC60, UC50 and UC60 models
4	N/A	Basket Pulley Alignment Bar	SC50 and UC50 models
5	F798002	Basket Puller Kit	SC40 and UC40 models
	F798003	Basket Puller Kit	SC50, SC60, UC50 and UC60 models
6	F460129P	Bearing Puller Tool	
7	397P4	Cone	SC40 and UC40 models
	398P4	Cone	SC60 and UC60 models
8	401P4	Basket Installation Tool Rod	

N/A = Part no longer available

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